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Relating to the Farm, the Garden, and the Household.

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The Farm.

Spring Work-Stump Pulling.

on the plank road leading to Pontiac, lies a hand spikes, picks, and grub hoes, a mighty field of about fifteen acres, belonging to Mr. S. H. Tyler. This field is like a great many earthquake all over the field. others in that section of the country. An old pasture, sodded principally with natural and in the wet spots throwing up rushes and of large dimensions, regular old settlers, the sycamores, and beeches, which had originally him. After this the stumps gave it up and flourished, and held sway over the land .two to four feet in diameter, and looked as roots in the air, scattered all over the field, with the same culture and a larger number of though they held possession by a full acknowl- and not one is left to mark the spot where edgement of the principle of squatter sover- they once stood so firmly, and the ground eignty, and when the proprietor looked over which they incumbered shall know them no the field, and talked in their hearing of giving more; their bones are now bleaching and drythem notice to quit, these old fellows would ing in the wind, Eurus is whistling hyper look black as a thundercloud, and it is said by borean airs through their twisted and gnarled those who were acquainted with their lan- skeletons, which will soon be ready for the guage that they swore by the old Indian gods flames, and will be offered up as a hecatomb before they would agree to budge an inch; given to Ceres for sepulture. they had got their roots well settled down into the soil, on which they had been born so effectually was Kenny's stump machine, it and bred as its autochthons; and they clung works with rods and chains on the same printo it closer in their decay than when in all ciple as the Willis machine, but the power is the pride and pomp of green leaf and varied applied by a simple windlass or capstan, he would have if he bought by measure. It soliage they had carried on war like titans that is not liable to get out of order. The with the elements, and bravely withstood the efficiency of the machine which is worked by universal to purchase by measure, though as assaults of Boreas, and Eurus, and stout Aus- hand power quite effectually, four men being this course is for the seller's advantage, it may assaults of Boreas, and Eurus, and stout Auster, and had even defied the threats of the a full force, is graduated by the strength of the rods and chains. If they are stout I have expressed the opinion that we limit Welch, J. Starkweather, Smith Botchford, I have expressed the opinion that we limit I have expressed the opini had felt the lightning flash of his mighty mitted, then the power of the machine is to arrive at the most profitable results, and thunderbolts. Not they! Never would punk wood and ashes. Steel and fire had out as well as the stumps. Two men and a will diminish very considerably the yield of withstood the axe and the brand, with a dogfrom stump to stump could work the machine
ged obstinacy that was natural to all the well enough for ordinary purposes.

These gentlemen, for their good judgment, clean and as not to be perceived. It might be thought that this could be avoided by putting into the industry and perseverence, are well deserving by handled.

stump family. They knew their time was to come. They themselves had seen the deer, the fox, the wolf, the panther, beaver and the red man all driven out, but they were left, and it was their pride and their glory to hold on to the land as the last of their race. And hold on they did; they spread out their great arms, all over the soil, no plow could penetrate, no drag could pass over the surface, no crop could grow, while their great rough, black heads stuck up stiff and strong, seam worn with many a wound and scar, and mighty ridges and wrinkles on their faces, but as unbending as ever. And travelers on the plank road, as they trotted by, would nod their heads at each oth r and note how fast those old fellows held on to their rights, they were good for twenty years possession yet.

But at the last State fair there was exhibit. ed a frame containing a windlass, with long iron rods and chains attached, that Mr. Tyler thought he could use for the purpose of serving a process of ejectment on the stumps; and having secured its use, he took it on the field, and began operations: the resistance was stout and firm. The stumps gritted their teeth, and looked stern and threatening when the stranger of iron, preceded by two stout oxen, and followed by a procession of four white attendants, entered upon their domain. And when operations were begun upon some of their weaker members, and they saw them taken away, they all groaned with horror at the fate which had come upon them. But when they saw the iron stranger, with his long arms going round and round and back and forward, take hold of one of their stoutest braves, then the stumps all held their breath, at the fearful struggle that they witnessed, and the thrills of sympathy when they heard the great fibres of sturdy oak crack, like the booming of artillery, were awful. But when the brave old sycamore, who had been a warrior tried and true, snapped the mighty iron clasps, and links, and straightened the hooks, and splintered the arms of the iron enemy of their race; then the stumps smiled gravely, and settled themselves firmly into winter quarters; and when they saw the wounded stranger dragged off in his stone boat preceded by the red and black oxen, with the brazen tipped horns, and fol lowed in long procession by his attendants About five miles out of the city of Detroit, bearing upon their shoulders, their crowbars, shout of victory was heard rumbling like an

But the spring came, and then we noted there was trouble among the stumps. The grasses, where it is dry enough to grow them, iron stranger had gone into training quarters, and braced his nerves with stout Lake Supesedges, and marsh grasses. It also contains rior iron, and had come out for the assault over its surface a goodly number of stumps once more. He tackled the big Sycamore, and after a sturdy conflict, he tore him from remains of the patriarchal white woods, oaks, the earth and threw him down and vanquished submitted to their fate, and now they may be Many of these stumps would measure from seen lying on their faces, with their great an average, less than a ton to the acre, while terrifically, it would be many a day and year to the elements, while their ashes will be

The iron stranger that pulled the stumps

A few Words about Grass Seeds.

We have recently received from C. L. Fint, Secretary of the State Board of Agriculture, a tract published by order of that body on the subject of the culture of the grasses, from

to the quantity of seed used: "I hold this proposition to be indisputable, that any soil will yield a larger and more nutritious crop, if sown with several kinds of nutritious grasses, than when sown with only one or two species. Indeed, it is a fact well pounds of red clover to the acre. Some of established by careful experiment, that a mix ture of only two or three species of grasses and clover, will produce a less amount of hay than can be obtained by sowing a larger number of species together. There may be some exceptions to this rule, as in cases where the yield of Timothy and Redtop, owing to the pecuilar fitness of the soil for these grasses, is as great as can stand on the ground covered

But it is nevertheless true, that if we sow soil it may be, or under however favorable in fluences, yet only a part of the plants will take but four pounds of clover, which is beflourish; vacant spaces will occur throughout low the average quantity used, we shall find the piece which will be filled up after a time with grasses of an inferior quality, weeds or mosses. This is the case in some degree also where only two, or a small number of species are sown; while if a mixture made up of a larger number of kinds of seed is used, the plants will cover the entire surface and pro-

duce a far better quality of herbage. In sowing such a mixture of several different species, we do but follow nature, who, after all, will generally be found to be the best teacher, for wherever we cast our eyes over an old, rich, permanent pasture, we ordinarily see from fifteen to twenty species of grass or forage plants growing in social profusion. If the soil be very poor, as a cold, hard clay, or a barren sand, perhaps two or three varieties will suffice, but on good soils a larger number will be found to be far more profitable. Especially is this the case where the land is to be left in grass for some years, and eventually pastured, as is frequently done in New England, for it is then desirable to have grasses that reach their maturity at different times, as a constant succession of good feed throughout the season may thus more surely be obtained. It is well known that there is no month of spring or summer in which some one of the grasses does not attain to its perfection, if we except the month of March. For good soils, eight or ten species of the grasses or six or eight of the grasses proper and one or more of other herbage plants would probably be found to be profitable.

I am aware that the prevailing practice is decidedly against the use of anything but Timothy, Redtop, and clover, and that very large crops of these grasses are often raised, but it is nevertheless true, that we obtain on ecies we ought to get double that quantity.

Before proceeding to consider the propor tions in which the different species should be mixed, it may be well to refer to the mode generally adopted for estimating the quanti ties of seeds and their relative weights. Old or poor seed weighs less than that which is fresh even if he does get an old or inferior quality of seed, he gets a much larger number of seeds, and this larger quantity of seed which he receives for his money, may make up for the inferior quality, and he will have a larger number of seeds capable of germination than is to be regretted that it has become so nearly the beautiful plains of Texas,

by the scathed sides and maimed limbs that enough for the strain to which they are subcapable of being increased to any extend by have said that, in a piece of land seeded with flock masters of no less note for their excelthey move until Old Time gathered them as lengthening the capstan bars. In the field one or two favorite grasses only, small vacant done their worst to them ! They had already pony to do the drawing of the chains and rods an acre, even though they may be so small improve the flocks of the sunny South.

to cover the ground with a thick coating of which we make the following extract relative grass, will show that this is not the case. I wealth, in which they state it to be the pre vailing practice to sow a bushel of redtop, a half bushel of Timothy, and from four to six early importers of this variety in the country. them vary the proportions a little, as by the use of one peck of Timothy and a larger quantity of clever, but the general practice is to use nearly the quantities stated, some even using a considerable larger quantity. Now if we examine the table (given in the Report) we shall find that in an ounce of 1 edtop seed there are 425,000 grains. In a pound there are 6,800,000 seeds; in a bushel, or twelve pounds, there are 81,600,000 seeds. Now take only one peck of Timothy seed to mix with it. In an ounce of Timothy grass seed but one kind of grass, however abundantly there are 74,000 grains. In a pound there the seed may be scattered, or on whatever are 1,204,000 grains. In eleven pounds, or a peck, there are 13,244,000 seeds, and if we by the same process that we have 1,024,000 seeds If now we add these sums together, we shall find that we have put upon the acre no less than 95,868,000 seeds! This gives over 15 seeds to the square inch, or about 2,000 seeds to the square foot!

Now it is a well known fact that the sward of a rich old pasture is closely packed, filled up, or interwoven with plants, and no vacant spaces occur. Yet, in a closely crowded turf of such a pasture only one thousand distinctly rooted plants were found on a square foot, and these were made up of twenty different species. The soil should be supplied with a proper number of plants, else a loss of labor, time and space will be incurred; but however heavily seeded a piece may be with one or two favorite grasses, small vacant spaces will occur, which, though they may not seem important in themselves, when takvery considerably the yield of an acre, even if they are so small as not to be perceived. made for the seeds and young plants destroycauses; but even after all deductions for these, we see that in this State, at least, there is no deficiency in the quantities of seed used, and the imperfectly covered ground cannot be explained in this way.

We sow seed enough, frequently, for fifless than that.

The difficulty of producing the seed, and its expense, have been the strongest objecpense of sowing a field or permanent pasture only be kept up and perfected by adding salt with a greater number of species will be, artificially, and this should be done daily. comparatively, very small, while the additional yield will be proportionably large,—if the result is as favorable as the opinion of many who have made the trial would lead us to expect,—every farmer must admit that it is and new. Now if a farmer buys by weight, for his interest to try the experiment, on a small scale, at least,

Spanish Merinoes for Texas.

Messrs. J. L. Voorheis, of Texas, and A. L. Dibble, of Marshall, Mich., recently started with one thousand Spanish Merino ewes for

Half of the number were purchased in well-known and esteemed flocks of Horace Painted Vessels for the Dairy. Lyman Lake, Col. White Sanford and J. D. McMasters; the balance were purchased of could have been started from this State to

ground a very large number of seeds. But success in this great enterprise, and those a knowledge of the quantities of seed ordi- in Texas who are so fortunate as to become narily used in this State for sowing, and an their owners, may justly feel proud of the acnquiry as to the number of plants necessary quision, not only as individuals, but as benefactors to their State. We hope to hear of their safe arrival to the place of destination have in my possession letters from some of in due time. Thus has the long mooted questhe best farmers in all parts of the Common- tion been settled with regard to the production of fine wool south of the Chesapeake so strenuously disbelieved and advocated by the

FARM MISCELLANEA.

Corn Cobs of Little Value as Manure.

A correspondent of the New Hampshire Journal of Agriculture states that last year having found that cobs were of no value as food, he thought he would try them as manure. He therefore had some ground, and took the meal and manured in the hill in alternate rows. The result so far with corn was that there was no perceptible difference in the crop where the cob meal was applied and where it was not.

Stock Sale. Speaking of Seth Bushnell's sale which takes place on the 31st of May, the Ohio Cultivator says:

"It is too bad that the fine establishment of Seth Bushnell has to be broken up. Such another noble farm and so excellently stocked, is not to be found in the market, any where in that corner of Ohio, and Seth is one of the finest haired fellows we know among them. There's a chance for bargins."

Garlic for Stock.
Garlic, says the Stock Journal, operates in the system of the horse as a diffusible stimulant, expectorant, and deuretic. It is therefore a valuable remedial agent in maladies requiring an agent possessing these properties. On the eastern coast of China it is regularly furnished to neat stock, and they are never known to suffer any inconvenience from its regular daily use; in fact they enjoy a most extraordinary immunity from disease. Smoking Seed Corn.

At a late discussion of a farmer's club in en in the aggregate, will be found to diminish Illinois, Mr. Ide said that he selects his seed ears in the field before frost; hangs them in a smoke-house—the more smoke the better. And undoubtedly some allowance should be The pyroligneous acid imbibed by the corn will bring it up in dry or hot weather, and ed by insects, birds, and various accidental at the end of four weeks the growth will be twice that of corn planted at the same time without smoking, and will be left entirely, alone by the mice, sqirrels or worms.

Salt for Milch Cows. In a statement made before the Farmer's Club at Little Falls, N. Y, L. Barnold says, teen plants to the inch, but rarely obtain the amount of salt derived from perfect vegeabove two or three, and very frequently even tation is generally sufficient, but not always animals being singularly unequal in the amount they require. Deer and some others seem not, at any time, to obtain enough from tions to the use of many species, A demand their food; cows in the full flow of milk can for these species, however, would soon re seldom be sufficiently supplied in this way.move this difficulty, and varieties would every. Nature has not supplied salt enough in their where be kept for sale at a reasonable price. fcod to maintain the unnaturally large yield When it is considered that the additional ex of milk they can be induced to give; it can

> iments have been detailed at the Farmers Club, which showed that fine food, like meal, when fed alone, is passed along the side of the 1st, 2d, and 3d divisions of a cow's stomach, and is lodged at once in the fourth. By receiving only the action of the fourth divi-sion, it is not fully digested. But by adhering to the wet hay, it is carried with the hay into the first division, and receives the action of the whole stomach, and consequently a more thorough digestion. The meal adheres better to be ground very fine.—Dairy Farm-

At a discussion held by the Club of Little Falls, N. Y., it was established that newly painted vessels were the cause of discolored cheese, and that such cheese was more or less poisonous. The evil was to be met by paintthey move until Old Time gathered them as lengthening the capstan bars. In the field one or two favorite grasses only, small vacant lent fleece in Calhoun county, and together ing tubs and pails in advance of their use, he gathered all else, and they had become several moderate sized live trees were pulled spaces will be found, which in the aggregate form one of the most perfect flocks that til the poisonous substance in the lead was extracted. Tin vessels were considered the These gentlemen, for their good judgment, industry and representations of the sunny South.

We find in the Maine Farmer a communication from a gentleman to the Board of Agriculture in that State, which we think deserving of attention. For the present, we cite but two advantages derivable from a system recommended, with a bare enumeration

"Subsoiling," says the writer, " is a com prehensive term that comes to us from the old countries of Europe; and means the keeping of cattle in stables and yards, all the year with only a daily or an occasional liberty to ramble over small enclosures, as circumstances may admit.

"This mode of keeping cattle has long been pursued in Germany, France and other Continental countries, and was thence introduced into England, where it has obtained very generaly adoption, and with profitable results. Many thorough and intelligent farmers of our own country are now practicing it on an extensive scale, with great and decided advan-

"Our farmers and cattle owners may urge that the climate and soil of Maine, the value of lands and so forth, preclude the adoption of a system so radically differing from our prevailing mode, however plausible it may ap pear from data drawn from the customs adopted by the force of circumstances, in the densely peopled countries of Europe.

HIS OWN EXPERIENCE.

"I have some personal experience in this matter. For the last eight years I have, as a farmer, occupied but a few acres, unproductive at first-and have kept two cows and a horse. and during the whole of this time my cattle have not for a single week obtained their full living by pasturage; and for the most part of each summer but a small portion of it.

"Having thus partially adopted the soiling system in my own practice, I have been led to examine and inquire into its practical workings elsewhere. What I have here accomplished, on the soil, and under the climate of Maine, is to me reliable data for future operations, and has enabled me to draw just conclusions, touching the theory and practice of those whose operations have been laid open to the public.

THE SIX BENEFITS OF SOILING.

"The advocates of soiling, claim to have established the truth of these six propositions:

2. The saving of land.

 The saving of fencing.
 The economizing of food. 4. The better condition and greater comfort of the cattle.

5. The greater product of milk.
6. The attainment of manure.

"To offset these advantages, we have the labor of raising and cutting the food, and the feeding and care of the stock.

THE GREAT SAVING OF LAND

"Is a fact established by concurrent testimony everywhere. To what extent this saving has been carried, we will show by introducing a few witnesses. Quincy says: 'European writers assert that the saving which results, is as one to three; others say, as one to seven. Others still, that the saving is yet greater; that is, one acre kept for soiling, will go as far as three or seven, or more, kept for pasture, in the support of stock. On farms where the whole soil is capable of being plowed, the economy of soiling is great.

"It may be, however, useful to observe that the reason for the diversity of statement in relation to the degree of saving, results al taxation. from the different ways in which the land used succulent food, on which they support their stock. Now it is plain, the result of a comparison of saving of land made between an ther case, the economy is sufficiently great.'

"The maximum product of an acre of land has nowhere yet been determined. The amount obtained often surprises us.

From the reports of a Committee of the small farmers, we find much of interest in the result from exact and high cultivation, and much that bears directly on the above propo-

ment of four acres; in one year he obtained forty-two bushels of wheat, two hundred and fifty bushels of potatoes, and ten bushels of barley; and kept two cows and four pigs .-The cows were kept entirely on the products of the four acres. A portion of this was not arable, as some trees were growing upon it.

"An inquiry was made of the occupant of a perity? small allotment, 'how it was possible to keep

sons, on only three acres of land.' He answered: "The statement you saw was very true; half an acre of pasture, half an acre and eight rods in wheat, and one-quarter of an acre in oats; the other part was green food for the cows, such as tares, cabbages, clover, mangolds, turnips, and Italian ryegrass.'

"This is a pretty strong case; where it is shown that two cows were kept the whole year on the produce of eight rods less than one and three-fourths acres of land, with only the addition of a half acre of pasture, and the straw from four fifths of an acre of grain, abating the vegetables consumed from the same land, by a family of five persons.

"In a communication to the British Board of Agriculture, it is stated that thirty cowsone bul! four calves, and five horses, were fed through the summer, from fifteen acres of clover, sown the preceding year. The labor of four persons was sufficient to tend them; and the net produce of the same season, in butter, from June to October, was £19 10s .- over \$95 per cow. Forty animals to fifteen acres, gives sixty square rods (three-eighths of an acre) to each. Sixty square rods in clover producing a net income of over \$95!

"After twelve years experience with the system, Mr. Quincy writes: "From my own experience, I do not hesitate to state that three cows may be kept during the summer season, in full milk and in high condition, on a single acre.

"Adam Anthony, of North Providence, R. I., entered upon a farm in 1826, of the extent of seventy-two acres, suitable for tillage .-The land was very sandy; and the crops of that year were five tons of hay, two tons of oats, two hundred bushels of potatoes, two hundred of turnips, some fruit, and garden vegetables; worth, including pasture feed-\$385. He adopted the soiling system. In 1847, he reports the produce of the farm as two hundred tons, by estimate, of green fodder for soiling, one hundred tons of hay, twenty five tons of millet, seventeen tons of less the nest is protected from all sorts of corn fodder, six hundred and forty bushels of potatoes, seven hundred and fifty bushels of Indian corn, fruit and garden vegetables, the value of which is \$3,575; nearly tenfold increase in the product of the farm. The stock consists of about forty head, of which thirtysix are usually cows.

· Similar testimony might be very much ex tended, but it is necessary.

THE SAVING IN FENCING. "The present American system of farming involves a prodigious expenditure of human energy for fencing. I have seen it estimated that the cost of fencing in these United States is more than six hundred millions of dollars (\$600,000,000.) Whether more or less than this enormous sum, it is so much invested in human toil, a large portion of which might have been saved and applied to better and more ennobling purposes, had our early system of custom and laws been what they ultimately

"One-half of all farm fences are interior; and aside from an occasional necessity for making a permanent distinction between arable land and a piece that nature designed for a pasture, they are worse than uselesss.

"Adopt a single principle, that no beas shall be permitted to range on lands adapted to the plow and the scythe, and you are prepared to wipe off from the face of our fair country, much that disfigures it, and abolish, at once and forever, a vast item in your annu-

"The most false of anything that assume for soiling is cultivated for the purpose of the name of economy, is the practice of pasraising food. Some satisfy themselves with turing mowing lands. Interior fences, that enriching the former pasture and cutting the were erected and are maintained for the so'e grass it produces, for the soiling use. Others purpose of enabling the proprietor to pasture Maine a very large sum. To call in the aid of arithmetic, it will read in this wise: The improved lands in the State may now be set acre appropriated to the latter of these modes down at two and a half millions of acres of husbandry, must be very different. In ei- (2,500,000.) Taking the estimate by very good authority, of ten rods of fence, at one dollar per rod, for each acre of improved land, gives us for fences in the State, the sum of twenty-five millions of dollars (\$25,000,000.) Half of this sum, \$12,500,000, we will set British Parliament, showing the condition of down for interior fences on farms. It may be fair to assume for annual erections, while the present system continues, for changes and repairs, ten per cent. of this sum, or one mil lion two hundred and fifty thousand dollars "In one case, of a man who held an allot- (\$1,250,000,) which the farmers of the State are annually paying as a direct tax on their resources, and on which very few have heretofore had the courage to raise their voices in complaint. Impressed with the truthfulness of such estimates, who can for another year remain quiet and see a system of husbandry continued, so blighting to the general pros

" By the last census, we find that the whole

dard of comparison, to neat stock and horses, is to the improved land in the State, as one animal to four and three-fourths acres.

"Besides the direct expense of erecting and supporting interior fences, they offend by harboring all sorts of vermin. They protect a rare assemblage of brush and noxious weeds or cost the farmer much labor to have it otherwise. They occupy, with the necessary head-lands left in plowing, much space on the farm, and it is all worse than lost.

"Then the loss in time, in the extra turnings of the team in small inclosures, in using the plow, the harrow, cultivator, roller, mowingmachine, and horse rake is no inconsiderable item in the season's operations. I really beieve that the plowing done in this State, with our heavy teams and prodigious plows, will show an average length of furrows not exceeding twenty-five rods. In this country of deep snows, our fences often cause immense drifts, which remain late in the spring, keeping the ground wet, and greatly retarding op

Hatching and Care of Young Chickens.

As the season has arrived when the fancier and breeder is making preparation to increase his stock of poultry, a few hints may not be inappropriate or useless to the general reader.

In making arrangements to hatch poultry, nature is the best guide to study. But as our domestic poultry are in an artificial state, a slight deviation from the natural laws must in most cases be observed, for while fowls in a wild state lay no more eggs than they can cover, we find it more profitable to remove their eggs from day to day-for by so doing we increase the number from each-and con sequently derive more profit from them .-Again, in a state of nature we find fowls make their nests on the ground, on or under some dry, warm and well protected ledge or bank. This method cannot be acted on unvermin, as we have frequently had a whole hatching of eggs stolen in the night from under a hen. The only rule than can be given is to study nature-and follow her rules, as near as may be, varying to suit the particular circumstances under which you are situated. Some fowls will not often manifest a desire to set, unless a number of eggs are suffered to remain in the nest; while others will, after laying a certain number varying from 15 to 50, show a desire to set longer, which is readily known by clucking, which is continued until her chicks are half grown. In some cases if their desire to set is not humor ed by giving them eggs, they will in a few days go to laying again, and in others it grows in a few days to an ungovernable passion, and they cannot be deterred from their purpose, either by removing their eggs, or by a cruel practice observed by some of dousing or half drowning them in cold water. The proper way when you do not wish them to set, is to put them in a small room or box without a nest, in which is a perch to roost on; and any fowl but an old inveterate will give over in the course of four or five days. On the other hand, when it is desired to have them set, it is best to try them with chalk or porcelain eggs for a day or two before putting under the eggs you design for hatching; but previous to setting the fowls, the nest should be examined to be sure it is free from lice-and fresh hay or straw should be furnished, among which it would be well to sprinkle dry wood ashes, tobacco stems, or pennyroyal, which will serve as a preventive to their becoming lousy. The number of eggs must of course vary, according to the size of the eggs and the hen,-from nine to fifteen is the usual number; be sure and not put too many under, and the newest laid eggs of the average size should be the ones selected. The best hens for setting and rearing their young, are those from two to three years of age, with a broad body well feathered, and large wings and not too long on the leg.

Twenty-one days is the usual time in which a good sitter will bring out her chicks, and as soon as she becomes a mother, a change in her character is at once noticed. The follow. ing beautiful remarks from an eminent author (Diekson), on the maternal character of the hen, so nearly embodies what we would write, that we cannot forbear the quotation:

"The tenderness and solicitude of the hen for her little ones, and the alteration which maternal love has produced in her temper and her habits, are really worthy of admiration. Previously, she was ravenous, insatiable vagrant and timid; but as soon as she becomes a mother, she becomes frugal, generous, courageous, and intrepid; she assumes, indeed, all the qualties that distinhigher degree of perfection. When we see

reducing the number of sheep by a fair stan- by her little ones, for the first time, she seems MICHIGAN STOCK REGISTER. as if proud of her new dignity, and took a pleasure in performing her duty. Her eyes are lively, animated, and constantly on the alert; her looks are so quick and rapid, that she could take in every object at one glance; and she appears to discover at once the smallest seed on the ground, which she points out to her young ones; and, in the clouds, the birds of prey she dreads for their sake; and giving them notice by a doleful cry, she induces them immediately to hide themselves under her protecting wings.

"Incessantly taken up with the welfare of her chickens, she excites them to follow her, and to eat. She picks their food; she scratches the ground in search of worms, which she gives up to them; she stops now and then, she squats down, and forming a cradle as it were with her wings, she invites her tender offspring to come and gather round, and warm themselves beneath her .-She continues to bestow these cares on them till they are no further use to them, which takes place when the chickens are quite feathered, and when they have come to half the size they are to grow to."

The first day after hatching, the chicks do not need food, and should remain in the nest. The second day they should be removed to a dry and sheltered spot, where they may be warm and not exposed to the scorching rays of a meridian sun, and may be fed sparingly but often, with hard boiled eggs, curd, coarse meal and millet, but all watery food should be avoided. When eight or ten days old, scalded Indian meal, screenings, millet, etc. will be readily eaten. Pure water should always be at hand in shallow vessels, and care must always be observed to keep then from the damp. When they run it should be in a grass plot, and be kept in their coops until the dew is off the grass, for experience has shown that cold and damps, when combined, is a most fruitful source of disease in all poultry, but more especially fatal to the young .-At the end of six weeks the chickens, having become large and strong, are usually left by the hen, who goes to laying again and will in the course of five or six weeks have another brood; but as my remarks have been more extended than I intended, I must defer until some future time some other hints in regard to the management of poultry .- E. S. Ralph, Buffalo, in Am. Stock Journal.

Spaying Milch Cows.

Mr. Eben Wright, of Dedham, Mass., the Secretary of the Massachusetts Horticultural Society, was recently present when the operation of spaying was performed upon a number of cows, by Dr. Dadd, and he gives the following account, which was published in the Boston Transcript:

"The spaying of cows is no new feature. As practiced in former days it seemed a cruel performance; but, since the alleviating influence of ether, the term cruelty can no longer be applied, for in five minutes the animal is so fully under its effect as to be insensible to pain, and in twenty minutes the operation is completed and the animal is quietly making way with her allowance of food.

Yesterday I was present to witness the operation of spaying of five cows of the herd belonging to Edward R. Andrews, Esq., Home Farm, West Rockbury. This farm is devoted entirely to the production of milk for the Boston market. Mr. Andrews had previously had eight cows spayed, and after one year's trial, so satisfactory in all respects had been the result, that he was determined to subject other animals to the same operation as they came into full milking, until his entire herd, consisting of some fifty head, should in like manner be made remunerative.

At 101 o'clock A. M., the hour assigned, Dr. Dadd, accompanied by three of his stulents, commenced the operation by casting the first cow on a bedding of hay on the barn floor. Immediately a sponge, saturated with ether and chloroform combined, was applied to the nose and kept there in a leather bucket, till the close of the operation. In five minutes the animal was so insensible to pain that the veterinarian commenced with his scalpel and bistoury, opening a place on the left side equi-distant between the lower rib and the hip, cutting through the cellular membrane and the peritoneum, when he in troduced his hand and removed the ovaries The small quantity of blood which flowed during the operation was sponged out as the cutting progressed. The parts were stitched, the ether removed, and ere the tethers could be removed the animal was feeding off the litter on which she was lying.

It was a pleasure to learn that Dr. Dadd has been eminently successful in all like operations, whether performed for lacteal or fat tening purposes. Mr. Andrew's cows have continued in full milk, and have proved uni formly healthy and quiet, and this disposition to quietness may as a consequence give guish the cock, and even carries them to a an enhanced value to milk coming from the farm, at least for infants requiring to be fed two cows, and maintain a family of five per number of our domestic animals of all ages, her come into the poultry yard, surrounded from the same cow the year round."

SHORTHORNS.

Numbers with an "e" following them refer to the English Herdbook—all others refer to the American Herdbook, unless otherwise noted.

No. 133 .- GIPSEY QUEEN. Roan Heifer .-

Calved Nov. 7, 1859. Bred by M. L. Brooks of Novi, Oakland co., Michigan. Owned by H. A. Tillotson, Park Farm, Marshall, Calboun co., Mich. Sire, John O'Gaunt 1107 M., by John O'Gaunt 11,621e, out of imported Romelia, by Fingcolet 9180e. Romelia was imported by L. G. Morris of New York. Dam. Mayflower, by Rocket 920, bred by Jas. Wadsworth of Geneseo, N. Y.
1 g. dam, Lady Weddle, by old Splendor 767.
2 g. dam, Moss Rose, by American, Cornet 0, by Jan.

 g. dam, Moss Rose, by American Comet 9, by imported Charles out of imported Primrose; all Weddle stock.
 g. dam, Red Rose, bred by Mr. Weddle of Roch. ester from a cow imported by him from the herd of Major Bowen of Welham, Yorkshire, England.

HEREFORDS.

To. 2.-LADY SOTHAM. Calved April 28, 1858. Bred by Wm. H. Sotham. Owned by J. & C. M. Bowen, Lima, Michigan.

Sire, Popinjay 2d, 65e, by Popinjay 161 of the English Hereford Herdbook

Dam, Syracuse 58e, by Conqueror 38e. g. dam. Short Tail 21e, by Young Prize, son of

Matchless, imported.

No. 3.—GALLANT. Bull. Calved April 30, 1856. Bred by A. & H Bowen, of New York. Owned by J. & C. M. Bowen, Lima, Michigan. Sire, True Boy. by Pepinjay 2d, 65e, out of Bombazine, imported Dam, Young Matchless, g. dam, Beauty imported, by Trojan 2d.

1857. Bred by J. & C M. Bowen, Lima, Mich. Sira, Gallant, by True Boy, by Popinjay 2d 65a. Dam, Lady Sotham, by Popinjay 2d 65e.
g. dam, Syracuse 58e, by Conqueror 88e.
g. dam, Short Tail, imported, 21e. by Young Prize, son of Matchless.
No. 5.-. WOLVERINE. Calved Jan. 15, 1859.—

Bred by J. & C. M. Bowen, Lima, Mich. Sire, Gallant, by True Boy, by Popinjay 2d, 65s. Dam, Lady Sotham, by Popinjay 2d, 65c. g. dam, Syracuse 58e, by Conqueror 38e. g. g. dam, Short Tail, imported, 21e, by Young Prize,

No. 6 .- COQUETTE. Calved Dec, 1859. Bred by J. & C. M. Bowen, Lima, Mich.

Sira, Gallant, by True Boy, by Popinjay 2d, 65a.

Dam, Lady Sotham, by Popinjay 2d, 65a.

g. dam, Syracuse 58a, by Conqueror 38a.

g. g. dam, Short Tail, imported, 21a, by Young

FARM NOTES.

Muck on Sandy Land.

Prize, son of Matchless

David Fisher of Walpole, N. H. writes to the Boston Cultivator, that he has watched the operation of hauling out muck on sandy land, fresh from the marsh, and found that it did not operate as a benefit. It was tried also by hauling out and letting it lie a year on the ground before being plowed under, but even then it did not have a beneficial effect.

"Another neighbor of mine got out seventy loads of muck and put it in his barn and hog yards, which when applied to his sandy land proved to be excellent manure; but as it was considerable extra work to cart the muck to the barn-yard, he concluded to let the next lot he got out of the swamp lay on the ground one year and then plow it in; by this manage. ment, as he lately told me, the land to which it was applied was not benefited. Another neighbor of mine has used swamp muck for many years with uniform success. Immediate ly after having, he carts it into his barn-yard and lets it lay till the next spring; by this management it is incorporated with the barnyard manure, and being applied to his sandy and gravelly land has produced good crops of corn and other grains, and when stocked to grass has produced from two to three tons to the acre.'

Farm Gates.

A correspondent of the Valley Farmer makes the following calculation: I have a gate, bung in the ordinary man-

ner, which I think is opened at least fifty times each day. Now, I have had the curiosity to estimate the amount of time consumd vearly in the operation. Fifty times per day, at one-half minute each time, will make twenty-five minutes daily; which, multiplied by 365, will amount to 9125 minutes-that is, 152 hours, or 121 days. Computing 12 hours for each day, during which the gate would probably be in use, I have also had the curiosity to inquire what the hangings for a self-closing gate would cost-and find forty cents will buy one set.

Twelve and one half days, at 50 cents per

day (a very small estimate), would amount to \$6.25, or over 1500 per cent in one year on the investment. Again, such hangings would probably last ten years, and would consequently save in time alone during said ten years, hundred and twenty-five days; which would, at 50 cents per day, amount to the snug sum of \$62.50; not to mention the certainty of keeping cattle, hogs, poultr., &c. &c, in their proper places, and the saving consequent thereon.

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American Wines.

The American wine growers association at Cincinna'i, at its late meeting adopted the Catawba wine as the standard, and marked it 100. The lowest point on the scale is 50. We note that several samples presented were marked only 75, and that one kind shown as made according to champagne rules, was marked as high as 107.

The Garden & Orchard.

Summer Fruits for the Table.

BY T. T. LYON, PLYMOUTH, MICH.

No. I.

Amid the cares and hardships incident to the settlement of a new country, few persons, except those of decidedly horicultural tastes, find time and opportunity for the planting of small fruits, if we except the current, which is, so frequently planted in the form of a hedge about the compartments of the kitchen garden, or the door yard, and left to maintain the ground unaided against the grass and brambles that usually spring up in neglected situations. To this state of affairs, however, there are numerous exceptions, even in the rude pioneer settlements of our country; and along with the march of improve ment comes not only the ability, but the disposition to improve in this respect.

In making a collection of summer fruits the current, from its entire hardiness, fruitful ness, patience under neglect, and the long time it remains in season, must, doubt'ess, retain the first place. There are many recent introductions which are claimed to be improvements, and which, certainly, are such so far as size is concerned, but we have as yet no conclusive evidence that any of them are preferable, or even as really desirable, as the Old Red and White Dutch, which make up the common stock of our country. The White Grape, the Cherry, and the Versaillaise are very large and showy, and, for this reason, the first two, especially, are recommended by some as profitable market fruits: although the second, especially, is exceeding ly acid, while it is not claimed that either will produce, by measure, a larger crop than the Red Dutch, under similar treatment. Ver saillaise may prove more valuable than either, but it is yet but partially tested. White Grape is somewhat larger than White Dutch, but will yield no better by measure, and is no better in quality; while the bush is a very spreading grower, throwing out long, hori zontal branches, which are much in the way of cultivation.

As generally managed, or rather, not man aged, the plants are suffered to grow in broad stools, constantly extending by the sprouting of buds beneath the ground, while the older shoots soon become weakened by the diversion of their share of nourishment, and yield fruit only of diminutive size. When the plants are grown in this manner, the size of late when the yellow, sickly shoots appear; the fruit must be kept up by cutting out in then cut the tree down, burn it and kill the the spring the old and stunted shoots, and also such young ones as have grown up weak | the next year. and slender, leaving only strong, young shoots for the production of fruit.

the finest quality, and which renders the makes its presence felt rather than acknowlplants easy of cultivation, is to raise them from cuttings, from which all the buds, except a few at the top, have been cut out, leaving day-time; its flight is in the night, and it genno buds below ground. Such plants cannot produce sprouts from beneath the surface, and, consequently, may be grown as miniature trees. As, in this form, the vigor of the root is not liable to be diverted to the production of sprouts, the result is an increase both in the size and yield of fruit. Plants grown in this manner are liable for a year or two, at least, after planting out, to require staking as a safeguard against prostration by storms of wind or rain, during the growing season.

It is also believed that plantations grown in there can be no reproduction of either stem or root. This, however, is of very little weight compared with the resulting advantages, as the renewal is not an expensive process, while it is occasionally necessary whichever process may be adopted. Persons who have been only used to this fruit as grown upon plants left to take care of themselves, would be surprised at the large size to which even the common varieties may be grown under proper management.

Dutch for the main crop, we prolong the season two or three weeks by adding a few a strong grower, nor of the highest quality, trees may then become healthy and bear good calculated for pot trees or vines, and was of B ack Naples will also be found desirable, as a means of still farther prolonging the season. This last variety is believed, also, to be superior to all others for the production of current wine. Another variety, called Black Bangup, is attracting some attention, and claims to be the largest of all currants. It is yet but little known.

Plymouth, May 7th, 1860.

Notes on the Peach.

W MISS W. H. MORRIS OF GERMANTOWN IN GARDENER'S

I have read with much interest the letter from Mr. Dana, enclosed in your note of March 1st, describing the effects of the Red Spider on the Peach trees in Massachusetts, and also examined with great care the eggs on the peach bark sent with the letter. This species is new to me.

I have no doubt of the truth of Mr. Dana's statement, that trees so infested will, and must be victims to such a pest, and that those trees do die of the yellows, but that the Red Spider is the only cause of yellows, I must beg leave no doubt. After years of careful investigation, I have arrived at the conclusion that whatever impedes the healthy circulation of the sap of that delicate tree will produce the yellows; and ther, generally speaking, death is inevitable, and the sooner the tree is cut down and burned, the better it will be for the fruit grower, as it saves time and trouble.

That the Red Spider is not the only cause of the yellows in the Peach tree can be proved beyond doubt, as all intelligent observers will agree, that whatever cause obstructs the natural flow of the sap, either in the spring or autumn, will produce disease in that delicately organized tree.

The Peach tree, like the Grape vine, is supplied with a redundance of sap, which pours into the large and tender sap vessels as soon as the first warm rays of the sun thaws the earth and quickens the sap in the roots; every bud swells, and the rushing sap struggles to expand itself in leaves and flowers. If this takes place prematurely, a severe frost follows, the sap freezing bursts the sap vessels, blights the leaf and flower buds, and a general disorganization of the functions of the tree follows. The sap obstructed in its course forms a thousand new channels, shoots out in numerous sickly yellow twigs, and oozes out in gum from every wound or split back, except at one end of the house, where in the bark, then the tree must die.

The well known Ægeria exitosa, or Peach Borer, is a fruitful source of the yellows in all the Middle and Southern States. This insect deposits her eggs in the bark pear the roots of the Peach tree; the Grubs soon hatch and penetrate into the sap vessels, on which they feed ferociously, gnawing their tortuous paths in and around the roots, cutting off the passage of the ascending sap. For a time the tree shows no signs of the concealed foe; but as the Grubs grow large, and their paths widen, they girdle the tree, the branches then wither, and the sickly shoots in August show that death is inevitable. The Grubs should have been taken out in July; it is too grubs, or you raise a family of enemies for

The Tomicus liminaris, a minute bark bettle, proves, when numerous, a deadly foe Another plan, which will produce fruit of to the Peach tree; this little insect sometimes edged, as, both in the grub and beetle form it inhabits the bark, and seldom appears in the erally spreads from tree to tree, alighting on and infecting those branches and trees nearest the one first attacked: this, it is believed, is the infectious yellows.

> A few years since, eighteen trees in my garden were destroyed in one summer by the Tomicus liminaris; the eggs were deposited in the sap vessels of the bark, all over the trees, and in one case not an inch of the bark escaped, from the top branch to the root; the irritation was extreme, somewhat analogous pidly, and eighteen trees were destroyed be- the fruit from new rod each year. fore the cause was discovered; they had been carefully protected from the borer, (Ægeria) lows disappeared from the garden.

When Peach trees have been cultivated for years in the same garden, the soil becomes With a supply of the Red and White exhausted of the nourishment that is essential to them: care should then be taken to remove the old soil and replace it with such as is well the yellows.

Peach is cultivated in great perfection and had been intermingled; this and the cost of ments. The figure of the cells is six sided. with little care; the soil of that region is rich the posts, which were got out of the woods Dr. Reid says, "There are only three possible judicious mingling of these would be essent he bottom of the walk. The house, as far between them. These are the equilateral trifound? And Peach growers frequently the two sized ventilators is perceived, as in It is well known to mathematicians that there ing well.

and sprinkle it around their trees, and if the may be opened, and as the heat increases the may be cut into little spaces, that shall be ways good.

If these observations, drawn from a life of be of service to you, it will give great pleasure to your friend.

A Cheap Grapery.

In the May Horticulturist, Dr. G. P. Morris of Wilmington, Delaware, gives the folowing description of a cheap cold vinery,

that seems to answer the purpose very well: The house is a lean-to, forty feet long by thirteen wide, eight feet high at the back and wide and eighteen inches deep in the centre, and a door in each end. The house points south south-east; the back, front, and north sides are made by setting cedar posts three feet in the ground and squaring them on one side, to which are nailed one-inch plowed and grooved floor boards, making the back and north side tight enough to exclude frost, but sufficiently open to admit some air through the joints in the boards, which I think advantageous. The roof and other end made of hemlock, three by four rafters, between which are one-inch pine strips grooved to let in the glass, which is ten by twelve size, fourth quality; four two feet square ventilators in the roof; and four two feet wide and ten feet long ventilating sash hung on the front plate, together with the two sash doors, complete the ventilation.

The top ventilators are raised and lowered at pleasure by means of an iron rod, which at its lower part is pierced with holes and fastened by means of a nail to the back posts. The border is twenty feet wide, run ning under the entire house, and extending three feet three inches beyond the front and the soil is simply incorporated with wood ashes for the purpose of experiment.

The border is three feet doep, under-drained with rough stones, on top of which are layers of oyster shells, fifty bushels of bones, several cart loads of coach makers' trimmings, leather straps, (thus getting the old horse devoid of the putrid carcass;) the top strata consists of the old soil of an adjacent pasture field thoroughly incorporated with well rotted manure, wood ashes, sand charcoal, and leaf-mold, the which had been prepared year previously and suffered to be thoroughly intermingled. The border was prepared last autumn. At each end of the house are rain-water is conducted into the interior tanks, thus having always a supply of soft warm water.

The rough cost was, lumber, \$40; labor nails, &c., \$8; making a cost \$120, exclusive of border and vines. It might have been but being in the immediate vicinity of the dwelling, this was undesirable. Forty vines are planted in this house, thirty-two of the forty being Black Hamburghs, two West St. Peter's, two White Frontignan, one White Nice, one Muscat of Alexandria, one Golden Hamburgh. The front row are planted eighteen inches from the front posts, and intended to be trained up fourteen inches from the glass, with the intention of stopping appear incredible to those who are aware how tasted worthless Catawba or Warren wine. them when they have proceeded half way up the rafters.

The front row will be pruned on the long to the itch in the human skin. The obstruct of renewal system, i. e., having two canes, comb is worth much more to give to the bees of the Monroe Farmers' Club, that cutting the ery bud in sickly yellow twigs, and the tree it down to a single eye, staking the crop the Langstroth hive all straight nice comb can be died of exhaustion. The disease spread ra. next year from the other rod, thus getting fastened into the movable frames and given fruit. This plan is not without its drawbacks: in

The back row will be trained up on vines one foot from the back posts, on the spur and the dark green of the leaves in the spring system; the front vines being kept in check, the front border, with the expectation of removal to back border when the front permanent vines may be encroaching, and there allowed to ripen their fruit. To many, this would be an agreeable feature, as the characteristic of the American is to have the fruit plants of May's Victoria; which, though not known to agree with Peach trees. Sickly the first year. This plan of house is well is of fine size, and quite desirable after others fruit, but seedlings raised from unhealthy partly erected on account of its correspondare gone. For cooking purposes, a few plants trees will generally prove sickly and die of ence with a proposed house exclusively for orchard culture. The interior has had sever-In the neighborhood of Baltimore, the al coats of white wash, with which sulphur be discovered by the most careful measure-Does not this lead to the supposition that a mate. A wooden lattice work is placed at equal and similar, without any useless spaces

ventilation be thought necessary, sliding interstices." doors may be cut in the back walk: for an house presents a very good appearance; and were another to be erected, no change would heated term to keep the glass clouded either by white washing externally, or by the painting to resemble frosted glass internally, we have no fears of the vines burning. The glass is all fourth quality, ten by twelve, and is remarkably good for the price; no better three feet in the front, with a walk two feet | would be desired. A tank for liquid manure water will be an indispensable adjunct, and has been already provided for.

The Apiary-Honey-Comb.

What well appointed commonwealths! where each Adds to the stock of happiness for all; Wisdom's own forums! whose professor Eloquent lessons in their vaulted hall! Galleries of art! and schools of industry! Stores of rich fragrance! Orchestras of song! What marvellous seats of hidden alchemy! How oft, when wandering far and erring long. Man might learn truth and virtue from the bee."

More than fifty years ago the immortal Huber discovered, beyond a doubt, the mode in which the wax is produced, which is the chief element of the comb. Many old beekeepers now believe that this wax is obtained is manufactured by some process from bee- intended for the new swarm. bread, which is itself the pollen, or dust of flowers. Huber confined a swarm of bees to a dark, cool room, and at the end of five days they had made several beautiful white combs; these combs were taken away, and the bees supplied with water and honey. again, and for seven times in succession, and the bees all the while confined to the hive.

It has been calculated that 100 lbs. of beebread are carried into a hive in a single seadinary size, or the wax, rather, weighs not Bonner had a correct impression of the real made his experiments.

Well then, some are ready to ask, What is sheep. It comes out in delicate scales on the the bottom-board will be covered with these scales of wax Mr. Langstroth states-and he is high authority on the subject-that oil hogsheads, (200 gollons,) from which the "some bee-bread is always found in the never build comb so rapidly as when they \$50; glass, \$22; hardware, putty, hinges, of wax, or in some way assist the bee in procertain kinds of food will produce more wool food which will support life will produce wool. The production of wax is governed Catawba Wines, no two of them alike. Hence, by the same laws, and the bees may be as- the propriety of rejecting the name of the sisted in its secretion by appropriate food.

Mr. Langstroth says: "Careful experimany pounds of corn or hay must be fed to cattle to have them gain a single pound of fat." By this it will be discovered that good The Curculto. valuable time.

Artificial comb is now manufactured in Gershowed that there was nothing in the soil that and the length of rafter given will prevent in moulds in any desired size or shape. In cut down and burned, and the infectious yel fifteen pot vines, which are now standing on have frequently witnessed the whole process of comb building by the bees, though it is by night, when the bees are all in and can do nothing else; and also when the weather is more eggs being laid. unpleasant without the combs are rapidly The Negly Pear constructed. Then when the favorable moment for honey-gathering arrives, there is room to store the precious sweet away. When the honey season fails, comb-building ceases.

The size of the cells in which the working bees are reared varies so little as scarcely to

mingle both these salts with common salt, cool clear days the small ventilators only is not a fourth way possible in which a plane trees are free from insects the result is all larger ones may be raised. Should more equal, similar and regular without leaving any

As neither the triangular or square shaped experience in the culture of the Peach, can erchard house this would be required. The cell could answer the purpose of rearing the young bees, and as a circular shape would have caused much waste room, the hexagon, be made To some the pitch of the roof will being nearly circular, combines all the adappear too low; but as we expect during the vantages of the circle and saves all the room.

The Apiary in May.

The increase of bees is now very rapid, and the drones have made their appearance. We judge that swarms will issue early this season. Bees are gathering honey and bee bread, and if the lower boxes or hives are full, they should have easy access to the honey recept. acles or drawers. Should several days of unpleasant weather occur, bees ought to be fed if it can be done, so as to not draw other bees by the smell of honey. Young swarms that issue in this month ought always to be fed. With the Langstroth hive this can be done effectually, and outsiders know nothing about it. Hives must be got in readiness and all joints filled in with a mixture of onethird bees wax and two thirds rosin melted together. Those who have the Langstroth hive may effectually prevent new swarms leaving for the woods, by taking from the hive from which the swarm issued one or two from flowers in some way or other; or that it frames of comb, and putting into the hive

A Vine Growers Convention.

The Aiken Horticultural and Vine Growing Association of South Carolina have issued a circular in which they propose that a convention of the vine growers of the United New combs were again built; and again and States should meet at Aiken, in South Carolina, on the 21st of next August. The circular suggests that it is necessary to come to some understanding relative to the names of many kinds of grapes which are now known son, while ail the comb in a single hive of or- by several different names, according to the locality in which they are grown. Another far from two pounds. The Scotch bee-master point is that it is desirable to determine upon ome manner of naming the different wines source of wax, a long time before Huber The present way of calling them by the name of the grape is in direct contravention to the established rules of wine growing countries. the source of the bee wax? Wax is a natur- It has also been customary to classify wines al secretion of the bee, as wool is of the by the name of a State, Province or District, with the different brands attached to them, abdomen, and soon after the swarm is hived according to the name of the different locality. Thus the general names "Wines of the Rhine" comprises many particular brands, such as Hockheimer, Johannesberger, &c. Bordeaux wines include Chateaux Margaux. stomach of wax-producing workers, and they St. Julien, La Rose, etc. The reason for this is very obvious. The same grape will make have free access to this article. It must, totally different vines in different places. therefore, either furnish some of the elements And again, in most wine countries, (and we will no doubt adopt the same course) the ducing it." Every wool grower knows that grapes are mixed. A wine made from the mixture of Catawba, Isabella and Warren. constructed cheaper by avoiding the plane; than certain other kinds, and yet, any kind of could not be called by either of those namest

At present we have a hundred differen fruit in favor of the time honored custom of naming after the State, District or River, with ments prove that from thirteen to twenty brands of private names or localities. Purpounds of honey are required to make a sin- chasers will then know at once what they are gle pound of wax. As wax is an animal oil buying, and will not be prejudiced against Caecreted chiefly from honey, this fact will not tawba or Warren wine, because they have

HORTICULTURAL NOTES.

eggs out of the fruit at an early season of growth, after it has been punctured will save the directly to new swarms, and thus save much the first place it is a very tedious process, and would have to be followed up day after day, during the insect season, when it would be found that many of the fruit would be almost stripped of many be a very simple process--it being cast their skins by the time the operations were completed. Again, when the fruit is thus wounded. disagreed with the roots; the trees were then shading. This season it is expected to fruit one of the Langstroth observing hives, we it gums where the knife has been applied; the truit itself does not fill out well, and in many cases the operation causes decay. The fruit that is saved by this process is of little value. The usually carried on with the greatest activity true method is the sheet, mallet, and scalding water process. This finishes the insect and prevents

Is the name of a pear which was thus named by the fruit committee of the Pittsburgh Horticultural Society. The original tree is yet growing in Pittsburgh. The fruit is there considered very fine, bringing the highest price in the market, Chas. Downing writes that it is the most beautiful pear he ever saw. A full description and history is given in the May Horticulturist.

Suggestions on Dwarf Pears.

C. M. Hooker writes to the Horticulturist, "we need very much a list of the pears cultivated in in mineral salts, such as alum and saltpetre. during winter, are not included in the esti- figures of the cells, which can make them all this country, classified under the head of those which do remarkably well on quince,' those which thrive moderately,' and 'those which should not be dwarfed unless double worked." Of 86 varie tial in a soil where these minerals are not as tried, works admirably; the advantage of angle, the square and the regular hexagon. tier which he has planted, 96 are reported as deHorses and Breeding.

Anne and George II.; and with the trivial as. sistance of thirteen royal plates in 1745, now increased to 5,000 guineas for the three Kingdoms, something less than the tax annually levied on the race horses, which, in 1859, amounted to £5,824.

In France they order things differently; for, in addition to liberal prizes, the Government has purchased our best stallions, whose services are given to the public at a cheap

If in this country we pursued the later policy, we should deteriorate our breed, because it would induce persons to breed from ordinary mares with a view to obtain a valuable marketable article by a crack stallion.

The first-class horses would be overworked, and an inferior animal would be the natural production. I suggest to gentlemen, when they talk of the incapacity of our modern race-horses to carry heavy weights, to look at Touchstone, West Australian, Stockwell, Rataplan, King Tom, Surplice, Longbow, and twenty others. They are strong enough to carry fourteen stone to hounds. A century ago, race-horses were described as Barb jennets, about the average of fourteen hands two inches, obliged to run four, five, and six miles under heavy weights. We should consider them and placing them on the footing of our Barbs and Arabians, only fit to carry seven stone, and half a mile a sufficient scope for all their racing powers.

The feelings of modern sportsmen prompt them never to abuse a good horse. A man must be very unwise to run or match a horse four miles at heavy weights, when he can carweights. A good jocky never runs a horse under such disadvantages, except from very was a strong party adverse to such an onerous | English prejudices. system.

Take the best race horse in England, hunt him race with a £50 plater. It is the same with man; a beavy weight carrying porter has no speed in running; and even Tom Sayers would lose his quick hitting if, for two years, he worked as a coalheaver. A heavy strain on any muscle makes them rigid.

With respect to breeding, try to combine shape and make; that is to say, when on the mare's side there is a deficiency in any particular point it would appear wise to select a stallion very good in that peculiarity, and then

to look out for a distincly opposite cross of I attribute the great growth and size of the present thoroughbred horses to the care that have bruised oats as soon as they can use per cent. to the nourishment of a horse with

fed till they are taken into the racing-stable. away a chance. If in early times race horses had the advantage of not being trained before they were four years old, good oats were parsimoniously bestowed upon them. A majority of young horses were ruined by the severity of their training to run long distances, and by the ignorant abuse of medicine. I have been told by old racing friends that in a large stable it was a matter of congratulation if no horses were killed by physic during the spring and clothe your horses as you please, but fresh air autumnal preparations; and I can recollect the time when fresh air was carefully excluded from racing stables, even to the extent of and train him from an open box, with water placing straw under the doors and stopping always within his reach, you will improve his up the keyholes. The disease of roaring was strength, his wind, and his condition a stone thereby engendered, and blind horses were very numerous.

The modern system is to take up the yearlings in August; back them in September, to get them steady and go straightforward in October; and to try all the moderate-looking ones once or twice before the end of December. The large and promising yearlings are kept backward in condition, as it is presumed they would have a great disadvantage in ear ly trials with small and well furnished fillies. which might lead to great mistakes in the following year, besides the probability of injuring them by premature work and exertions. The object of these trials is to obtain the choice of selections in naming for the stakes which close early in January. And there is another equally important discovery to make, viz: how many of the lot are worth keeping on in training at £2 per week. This system of ear ly training, so abused by sportsmen uncon nected with the Turf, is painfully forced upon the owner by a calculation of £. B. d.: by which all the world is governed. And it must be recollected, that a two-year-old

them deeply, owing to their size, good looks the obstacles from the acts of Parliament of to use a trainer's expression-" he comes well to hand." Too often he turns out an impos tor; and when the trial takes place the golden vision fades. The trainer's bill and heavy forfeits stand out in strong relief. There is no business in life in which it is so indispensable to ascertain the truth respecting the merits and demerits of every horse in your stable; and when a racing man is too nervous to try his old and young horses before they appear in public, he is a long way from being a sage.

Thirty years ago trainers always took out their horses to exercise twice a day, from March to October, both months inclusive; in the middle of summer they were out at sunrise, when the dow was on the ground; their work was finished, and the stable done up by seven o'clock. They were again walked out at five or six o'clock, P. M., according to the heat of the weather, whilst the stables were cooled and ventilated before the horses were settled for the night.

Our modern trainers are out, on a summer morning, at six or seven o'clock, and remain out until nine or ten o'clock, generally about the hottest part of the day, and the horses rarely are taken out again in the cool of the evening. All this is in utter violation of com-

The American trainers wisely adhere to the old practice; but they astonish our natives by exposing their horses stripped in the middle of winter for seven or eight hours during a period of four weeks to harden their constitutions; and, as far as we can judge from the running of Mr. Ten Broeck's horses last spring, the system is not detrimental to them. This last trying winter the only horse ry on the war a shorter distance at light in the stable which was not so exposed was Umpire. He alone has suffered from a cough; and I believe his exemption from the ordeal sordid motives, and in the olden times there of exposure was owing to the solicitations of

In English stables there is an old and foolish habit of restricting the horses to two drinks of him for two years, with twelve stone in deep water in twenty-four hours-a pailful when country, and you can never afterwards make they return from exercise, and another psilful when they are made up for the night. It they had constant access to water they would not overload their stomach at stated intervals to the detriment of their wind. The American trainer, with better judgment, allows his horses to drink water eight or ten times in the day in small quantities. Then, with respect to food, the Americans give their horses undergoing the last preparation, maize of the best quality mixed with the oats. Our trainers say, "] want nothing for my horses but good oats and hay." Horses are like ourselves-they enjoy a variety; and when they are in strong work work, pounded maize, split with peas and beans, and Thorley's patent food may be introouced with great advantage; for a delicate is bestowed upon them in early life. They horse steamed barley, bruised oats add fifteen their teeth. They are well housed and well a weak digestion. Wise men never throw

Although a most radical change has been effected in ventilating racing stables, a great improvement might still be made. In the summer, windows ought to be kept open night and day, the doors removed, and a substitute of bunting on framework. In the winter the ventilating holes should never be pluged up, which I observed to be the case in most stables. If the weather is cold and changeable is indispensable to preserve their health .-Take a roarer out of an ill-ventilated stable In the first position, he suffers like a man with an asthma in a crowded room. In an open box during the racing season, no weather will hurt him if he is well clothed, and his legs bandaged, plenty of litter, and not ex posed to rain. Unseasonable hot weather produces coughs, where stable windows are kept close. A sharp frost sets them all right and is more beneficial than "Cough no more Lozengera."

There are not many men in England who can train horses scientifically, although every head groom, brought up in a racing stable, flatters himself he is fully prepared for the task. The cleverest trainer in England said to me last year, "I have trained horses twen ty years, and every year I discovered a weak point, and that I have a great deal to learn."

same food, and the same physic; their wants all those who have broodmares furnish him a light weight on a lazy old horse, galloping what we have read concerning it, will be in s as fit to go into work as a three-year-old, erest trainer ought not to take charge of the name.

Some more Remarks about Thoroughbred | reared on grass and hay. Many mistakes are | above twenty-two horses; it is impossible made by not preparing yearlings, and engaging that he can do justice to a greater number, considering that every horse's legs and feet ought to be well inspected twice a day, with an eye to the manger every time they are fed. Therefore, in the great public stables, where sixty or seventy horses are kept, the great man pays especial attention to the six or seven most promising or notoriously good horses, like a head schoolmaster, who takes pains with the clever boys, who may turn out a up the slow coaches as they please. There is nothing so detrimental to racing as these averaging ten horses each, will make more

> It may appear very extraordinary, but I must repeat it, there is no greater enemy to handicaps than myself. There is too much power given to an individual; if he is a clever man and a rogue, he can make a present of the stake to any man who may buy him .-Handicapping is, therefore, the black cloud which will some day most materially injure the turf, and venal handicappers will be the agents of destruction. Handicapping was originally solely employed in making matches. The name is derived from the practice of parties (whose horses were selected to run a certain distance at specified weights) keeping their hands closed in their hat or cap. When called upon by the person appointed to regulate the weights to take their hands out and open, money in the hand was acceptance; no money, a negative. Now, in lieu of a hat, when we make matches, we use our pockets. The first handicap sweepstakes of any importance was the Oatlands, and Newmarket, which was divided into three classes, and the winners of the three classes ran again for the

> The especial purport of a handicap is to evel all distinctions; a dead heat between the top and bottom weights is the climax of perfection. Therefore it is a positive boon for bad horses, and the chief inducement to keep a parcel of wretches in training. The the more it acts to the detriment of first-class horses, because, if you put your minimum at seven stone, you are obliged to raise the cracks to welter weights, which must injure or break them down in a long course. Men who are Lot gifted with brains are captivated by the nonsense, "It must be a poor horse which cannot carry seven stone." All horses weight has no terrors for an aged horse; therefore we should be persecuted by miserable old the greatest inducement of Nimrods to keep their wretches in training; and, at the same time, it would put all the first class horses out of court, because on such terms owners of good horses would not risk them without something more than a fair prospect to win

> A handicap is a game of weights which will equalize the speed of any animal. The greybrought to a dead heat half a mile by weighty collars. Non-racing men would say that if a slight thoroughbred horse was matched against a cocktail at 13 stone and 5 stone, that the former was overweighted. The answer to that would be "the result." If the heavy weight won the race, the cocktail, in racing parlance, we should say was overweighted, and the former underweighted.

three or four horses start for the prize. In full gang. this country heats were abolished by the universal consent of every humane gentleman.-In 1851, the Jocky Club recommended Her Majesty's Master of the Horse to abolish heats in the Royal Plates; they have not been sanctioned, consequently, since 1853. If we wish to preserve a race horse in the highest state of perfection, no person, unless he is extremely fond of money, would run him four miles with 12 stone on his back. We have no wish to retrograde to a barbarous era or to destroy our magnificent horses with oppressive weights .- ADMIRAL Rous, in London Field.

S. D. Bruce of Lexington, Kentucky, has nearly completed the stud book which he No three horses require the same work, the has in preparation, and is desirous of having The Waters Steam Plow at Work.

Mr. James Waters, the inventor of the steam plow, as we announced some two months ago, took his machine to Illinois to perform some contracts for plowing which he made during his visit to that State last fall. The Prairie Farmer of last week gives us the following account of his success. It is worthy of note, that whilst the Fawke's steam plow was heralded forth as the greath inven credit to him, and allows the ushers to brush tion for prairie plowing, and was awarded the premium at the United States fair, it has not as get gone into the real actual business large stables. Three private establishments, of plowing, whilst Waters with his machines has not only made the machine, but is doing sport than a public stable containing seventy the actual work at a cheap and economical rate, making it a business to plow by steam. We consider Mr. Waters by every will of practice and theory has thus done more for the State of Illinois than any invention yet shown, and is the person wno was fairly entitled to the award. The editor of the Prairie Farmer says:

We visited Minooka, in Grundy county, last Friday, in order to observe the working of Waters' Steam Plow in breaking prairie, and will tell our readers what we saw there. On our arrival at Minooka, we learned that Mr. Waters was at work. In company with Mr. L. Smith, who kindly volunteered to take us to the field, we left the station, going north, and passed over a field of forty acres which had been broken by Mr. Waters with his plow. This was his first work. His plows not having been well finished up and polished, the breaking in this field was somewhat rough and broken, but altogether, was very well done. The undulations in this field were considerable, giving both an up and down grade, thus testing the capacity of the machine in this respect.

Passing this ground, and ascending a high roll of the prairie, we caught sight of the plow in the distance, traveling leisurely across the prairie, drawing its gang of six plows, cutting a furrow nine feet in width. The scene was grand and exciting. As we approached the machine, we found Waters quietly guiding it, with none but the necessary attendants about higher you make your standard of weight, him, and thus practically testing its ability and power before seeking to place it prominently before the public. We noted down the operation of the machine while we were with it. From a given point it traveled twenty-three minutes; stopped six minutes for wood; ran thirteen minutes, and stopped nine minutes for water; then ran nineteen minutes -making fifty-five minutes running time and can carry seven stone. If, in a handicap, it fifteen minutes stopage. Had the man whose should be a damper to a three-year-old, the duty it was to furnish wood and water, performed that duty as he should, and could have done, he would have saved at least five minplaters and steeplechase horses. It would be utes of this time. Estimating the ground plowed as nearly as we could without actual ly measuring it, we found that during seventytwo minutes (including stops) he had plowed 2 63-100 acres. That the machine can plow at this rate through the day without interruption, is not to be expected, in its present condition. The day previous to our visit Mr. W. plowed twelve acres with it. The plows had been put to some very severe tests in a hound, the pointer, the spaniel, might be field full of small oak and hickory stumps or grubs." These were cut off without injury to the plows, and apparently without effect upon the engine. We measured one of these hickory roots which had been cut through; its diameter was 41 inches.

In this trial Mr. Waters used but six of his gang of thirteen plows. His traction power seems sufficient to draw them all, and when some more convenient mode of handling In the United States four mile races and and managing them shall be adopted, he heats are encouraged, but very seldom above thinks he will have no difficulty in using the

> As the machine is now arranged, it requires one and a half cords of wood, a hand and team to supply fuel and water, (the water in this case being a half-mile away) a fireman, two men to manage the plows, beside Mr. Waters-to which add oil, &c., and Mr. W. says the cost to him is less than #9 per day.

James Waters, the inventor, deserves more than a passing notice-more than our space. and the data in our possession will permit us to give. Naturally very retiring, he has worked quietly and almost unknown. His mechanical talent and judgment are of a superior order. So complete were his plans perfected in his own mind, that within three onths from the time the first blow was struck on his machine in Detroit, he drove it into the United States Fair Grounds in this and requirements ought to be the serious with a list of their produce and the names of city, amid the shouts of the assembled thoustudy of the trainer. How often we see a their owners at a very early day. The stud sands. It there demonstrated its enormous heavy lad on a hard pulling two-year-old, and book that Mr. Bruce proposes to issue, from power, in turning over a furrow twenty feet wide and from six to eight inches deep, with a mile and a half together, without any calcu- reality the best work of the kind that has its monster gang of thirteen plows attached. whose growth has been forced by good food, lation being made as to the result. The clev been got up in the United States, worthy of Unfortunately, before it could be tested by cation of these facts, for the information of the Committee, some portion of the plows postmasters throughout this State.

gave way and prevented a thorough trial. Not at all disheartened, Mr. Waters repaired up, and visited the Central portions of the State, exhibited the plow in operation, and finally returned to Detroit, where, during the winter, he has made some slight alterations; and additions to strengthen and improve it, have been adopted. He now appears, unannounced, on our prairies, to claim what he has won-the honor of being the first man in America who has made a practical and paying demonstration of plowing by

Up to the time we left Minooka he had plowed about seventy acres, and is now en-gaged in a large job of prairie breaking, for which he is paid by the acre.

It is his purpose to continue the work with his present machine, until he shall have estab lished by experience what improvements are necessary, or may be made, in order to render his invention perfectly adapted to the wants of Western agriculturists. These once fixed upon will be adopted. He now thinks he has learned something which will prove profitable; we doubt not he has. We shall look to see the results of his experience demon-

The U. S. Census.

On the first of June, the work of taking the seventh census of the United States will have commerced. It is desirable that it be taken with great accuracy, and to enable the Assistant Marshals who will be engaged in the performance of this duty to have their work well done, it has been suggested that the publication of the questions necessary for all heads of families to answer, would be of great benefit. With this view we publish the following list which we believe to be correct

That the correct population of States may be known, as well as the various subdivisions, it is absolutely necessary that the name of each man who resides in the family on the 1st of June, be noted.

The age of each, sex and color, whether

white, black, or mulatto. Profession, occupation or trade of each male

person 15 years of age. Value of real estate owned. Place of birth, naming the State, Territory

or country.

Married within the year.

Attended school within the year.

Persons over twenty years of age that can-

not read or write. Whether deaf and dumb, blind, insane or idiotic, pauper or convict.

Name of owner, agent or manager of the

Number of improved acres. Number unimproved acres. Cash value of farm.

Value of farming implements and machinery.

Live stock on hand June 1st, 1860, viz. number of horses, mules and asses, working oxen, milch cows, and other cattle, swine and sheep. Value of live stock.

Value of animals slaughtered during the

Produce during the year ending June 1st, 1860, viz: number bushels of wheat, rye, Indian corn, oats, beans, peas, buckwheat, bar-ley, Irish potatees, pounds of wool and pounds

Value of ore-land products in dollars, Gallons of wines, value of produce of market garden, pounds of butter, pounds of cheese, tons of hay, bushels of clover seed, and bushels of grass seed, pounds of hops, pounds of flux, bushels of flax seed, pounds of maple sugar, gallons of molasses, pounds of honey and beeswax, value of home-made

manufacturers. Name of Corporation, Company or Individual producing articles to the annual value

Name of business, manufacture or product. Capital invested in real estate and personal

estate in the business. Raw material used, included fuel, viz: male, female, averge monthly cost of male la-bor; average monthly cost of female labor.

Annual product: quantity, kinds, values. Names of every person who died during he year ending June 1, 1860, whose usual e year ending place of abode was in the family, the age, sex and color, whether white, black or mulatto, married or widowed, place of birth, State, Territory or country, the month in which the person died, profession, occupation or trade, disease or cause of death.

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In addition to these, there are a number of other questions, the answer to which can be obtained now even with little trouble. It is hoped that every person who sees this request will, before the first day of June, make out the answers, and in case of absence, leave it in such a place and condition that it may be placed in the hands of the officers when they call for it.

By the act of Congress " providing for the taking of the seventh and subsequent of the United States, and to determine the number of the members of the House of Representatives," etc., approved May 23d, 1850, provides, Section 17, "that the Marshals and the assistants are hereby authorized to transmit through the post office any papers or documents relating to the census," and subscibing the same, with the addition to his name of Marshal, or Assistants as the case

may be.
That no unnecessary delay may happen to communications addressed to the United States Marshals in reference to taking the cen-

NEW ADVERTISEMENTS.

W. SMYTHE FARMER, Berrien Springs, Mich .. Proph and Love Star. HARRY SHIRLS, Pittsburgh, Pa.,..St. Charles Hotel. Angus, Flushing, Mich. ... Magic Copying Paper

Pitch Fork.

FARM FOR SALE.—The owner of a magnifi-cent farm of 210 acres, located in Macomb county, a few miles from Rochester, in this State, is desirous of selling miles from Rochester, in this State, is desirous of soiling it. The farm itself has a fine large dwelling, horse barns, large barn sheds, carriage house, piggery, orchard, and garden. It is all cleared but about 30 acres, which is in wood; is well fenced, and under first rate cultivation—With the farm will be sold the stock and implements, With the farm will be sold the stock and implements, which are all in good order, and comprise cattle, sheep and horses, together with the wagons, &c. used upon such an estate. The terms will be made easy.

For further particulars apply to R. F. JOHNSTONE. Editor of the Michigan Farmer.

MICHIGAN FARMER R. F. JOHNSTONE, EDITOR.

SATURDAY, MAY 12, 1860.

Editorial Miscellany

It will be seen by her letters that the Lady of the Household has taken advantage of the courtesy of the Baltimore and Ohio Railroad Company, and gone abroad. After six years unremitting and incessant labors, in the performance of duties connected with the business and publication of the FARMER, as well as in writing for its columns, the visit to Washington and Mount Vernon, a part of the for sale once a month, and the purchasers description of which will be found in this paper, is a first relaxation, which has been tairly earned, and seems to be enjoyed as is to get the farmers themselves to adopt any fully as it was deserved.

It will be noted that W. Smythe Farmer has been introducing into Berrien county a firm to any new habits, without they are abvery well bred horse of the Black Hawk family with a strong cross of the Hamiltonian and Messenger strain. We are informed that his yearling colts display fine size and action. For a fuller description of this horse "Prophet," we refer our readers to his advertisement.

The inventor of the patent hoisting hay fork which was exhibited at the fair groun's last year, and with the operation of gan Southern, the Michigan Central and the which every one was pleased, it will be seen offers to fill orders for them immediately. The terms will be found in his advertisement, Any of these orders may be sent to us, and we will forward them. The fork is a most useful article, and will save its price in the getting in of a single crop.

Messrs. F. V. Smith and Co. of Coldwater have already paid their entrance fee to the National Horse Show at Kalamazoo next September, and entered Magna Charta ofor the one thousand dollar premium; and besides this they have made the offer to put up one thousand dollars more, if parties who make like entries will do the same. Should there be three entries, the amount to be trotted for would be four thousand dollars. Where are the challengers who were anxious to hear from Magna Charta some time since? Here is a favorable opportunity to come to Michigan, and find out what a Michigan horse can do. We hope to hear from I. Woodruff, and some others who seemed anxions last winter to have a trial of their horses.

Messrs. Voorhees, Dibble and others started from Marshall last week with a thousand head of Spanish merino sheep for Texas. These sheep have been selected from some of the best bred flocks in the State, and are intended for the Brazes River Valley. By a communication which will be found in another column it will be seen where the sheep were purchased, and the names of the owners of the flocks from whom they were selected It is only two years since we were shown at Mr. Starkweather's one or two of the original Spanish stock which he purchased of the first importation, and that gentleman has now in his possession the original Spanish certificate of pedigree, certifying that the animals which they accompanied to this country were of the pure " blue blood," and every one a Hidalgo of the first rank.

We publish the pedigrees of some Herefords this week to which we call attention. Mr. Bowen informs us that he has some of his stock for sale now, which he would part with on reasonable terms. To parties who would like to cross with the Here ford, and obtain some of their quality, this is a favorable chance. It must be remembered that the Herefords are the great English rivals of the short horns, and though not possessing many of the qualities which render the latter so fashionable and so much desired, they have qualities of their own, which are considered valuable enough to place them alongside of them, and in the estimation of their breeders to make them superior as a paying breed. The Messrs. Bowen keep a large dairy, and find their stock as valuable for milk as any.

cles brought forward, for exhibition as well as for sule, we note that a very praiseworthy effort was made to give this stock fair a good start by the farmers of the vicinity. There were few sales affected, many not being apprised that stock would be offered for sale. and others being deterred by the blight that had fallen on the Tecumseh bank bills, of which there was a large circulation in that county previous to the stoppage of payment. We received from E G. Morton, Esq., a most cordial invitation to be present; but though received at our office in time, it was not seen by us at a date that would permit us to accept. We hope, however, to be present at the next fair, if business will possibly permit us to leave. Such meetings or fairs as the Monroe farmers propose to establish, can only be maintained by the common consent and united action of the community, and when once their utility is established by custom or habit, of attendance, they will then work their way into successful practice. The Tuesday and Wednesday cattle market of New York and the Monday market at Albany have now become settled customs. It is but a few years ago when there were no such market days. Now they are found a great convenience by all parties interested in the pursuance other twenty years has ever presented in the his or sale of live stock. Once let the farmers of Monroe or any other county become firm in their determination to bring in their stock will readily adopt themselves and their busi ness to that time. But the great difficulty settled habits, they are too much used to the "largest liberty" of action, and seldom con solutely pinched into them.

For Chicago.

The various railroad lines are preparing to nake the trip to Chicago, for the various delegators, and all the multitude of numerous outsiders, a pleasure excursion. The Michi Detroit and Milwaukee Railroads have each issued their programme. Half fare tickets to be good from the 16th to the 31st. The card of the Michigan Southern will be found in another column. The convention will unquestionably be a great gathering, and parties well posted have no hesitation in saying that Michigan alone will turn out between five and six thousand visitors to the prairie city The interior of Illinois will furnish twice as many, and when Indiana, Ohio, Wisconsin and Iowa pour out their hordes, we expect to hear that Chicago has been taken. From what we know of New York, it will not be too much to say that the Empire State will send out on this momentous occasion a host of either party will permit another combat. The as terrible as the " army in Flanders."

Political Notes of the Week.

The convention of seceding delegates at Charleston, previous to adjournment, adopted a resolution o meet at Richmond on the second Monday of June, and also providing that an address be pre pared and published setting forth the grounds on which the action of the seceders is based.

-The Legislature of California have passed bill providing for a vote of the people on the ques-tion as to whether the constitution of the State shall be amended by a convention to be called for that purpose.

-The Republicans of Illinois have held their State convention and have nominated Richard Yates of Morgan county for Governor and Francis A. Hoffman of Dupage county for Lieutenant Governor. The proceedings were prompt and unanimous.

ney General of the State, declines to be put in claim. Meanwhile the vote in Savoy has been so ination for that office again. When sent term expires he will have been the chief law that no congress or single power will be likely to

officer of the State for six years. -A meeting has been held in New York recom mending General Houston as a candidate for the Presidency.

-The Mexican treaty has been amended, and will again come up before the Senate for consider ation and approval.

-Congress has been very quiet since the return of its members from the Charleston convention, and business has been progressing. Much time has been totally occupied with the passage of bills and the consideration of subjects relating to private or personal business. We note that the Senate has agreed to a resolution to have the government coast survey aided in making observations connected with the great eclipse of the year. In the Senate we note that the discussion as to the right reading of the Cincinnati platform has been introduced and is to be debated. Mr. Douglas propos to discuss this matter and is to reply to Mr. Davis. This speech will probably be canvassed with great earnestness, and will be the basis on which Mr. Douglas will go before the adjourned meeting of the democratic national convention at Baltimo In the House of Representatives the revision of from Morocco are on their way to Madrid to ne the tariff is the chief subject of discussion. Very little is definitely settled in relation to it, though there are strong opinions expressed relative to the inefficiency of the present law either for revenue The Mouros Farmer Club held their or as a means of promoting in any degree the first monthly fair on the last Saturday of committee is on a new track, and is busily hunt-April. From a report of the stock and arti- ing up the source of the oil that greased the

constitution. The interminable Wendell seems to ing through his hands in this operation as far as known.

-The National Union Convention has met at Baltimore, and organized. Mr. Erastus Brooks of New York, seems to be the chief actor in the convention. Delegates are present from twenty six of the States. Washington Hunt of New York was made temporary chairman; J.J.Crittenden was present. J. M. Botts, Leslie Coombs and a large number of men distinguished "long ago," and whose name are almost "household words," to those who took part in the flery campaigns of 1840 and 1844, are members. This organization presents a more respectable front than any organ ization of the kind that has yet been got up, and as a party round which the opposition to the ad ministration may rally in the southern States, it seems calculated to be effective, but when the leading members propose to lay down a platform which shall ignore all reference to slavery, and the question incident to that institution, show themselves men of the past who would if possible obliterate in the waters of Lethe the eventful recond which twenty years have stamp ed with ineffacable characters not only on the history of the country, but what is of more importance, in the minds and hearts of the genera tion that have grown up during that time, and who have had opportunities of observation for gaining knowledge and experience, such as no tory of mankind. Utopia does not exist in experience of the past. The gilded domes and gay minarets of its cloudland States, are ever glittering in the future. This Baltimore organization is likely to exert a controlling and it may be a useful ervative influence on both parties, and probably, may do much good. Unquestionably many of those who take part in it, are actuated by the highest patriotic views, and are anxious that their influ ence should be concentrated in such a manner as must be felt. That they will nominate candidates for the presidency seems to a settled fact. The names most prominent before them are John Bell of Tennesse and Samuel Houston of Texas. Either of these names might be the means of making a third candidate, who would receive votes enough, and even States enough to make the contest of

1860 a remarkable one.

The nominations have been made with remarkable quietness and unanimity. John Bell of Ten nessee and Edward Everett of Massachusetts are named. These candidates stand well every where, and will undoubtedly command the sympathies o very many; they will stand a good chance to rally them a strong old whig vote in the south. It may operate in some degree to carry some votes at the north, but the experience of 1848 and 1856 do not give much encouragement.

Foreign Events.

The Englist papers have not yet got over the xcitement of the pugilistic combat. There is as yet nothing definitely settled as to the result, except that there is a desire to make it a drawn bat To this Heenan objects in a letter to the London Times, in which he says he has come three thousand miles to win the belt; and that having won it, he wants it, and if Mr. Sayers or any one else wants to get it back, let them come and take it from him. It is not probable that the friends House of Common have had the subject of such events before them, and it is therein declared that all persons present at such assemblages are illegally engaged, and liable to prosecution. The law seems to be stringent enough, but the community do not put it in force.

The British Parliment are now debating the reform bill. The Savoy question remains in abeyance for the present in Englad.

A cashier of the Union Bank named Fallinger, has done the defaulting business on such a whole sale scale, that the press says he is at the head of toat class. The frauds he is estimated to have committed are placed at the enormous sum of one million and a quarter.

The spring is considered backward in Great Britain, and some fears are entertained that the coming grain crops will be light.

There seems to be a general impression that a ongress will be held at Paris to consider the Swiss difficulty, and to arrange matters with re--The Hon. Jacob M. Howard, the present Attor ference to that part of Savoy to which she lays overwhelmingly in favor of annexation to France interfere. Even in the district of Chambery, to which the Swiss affirm the most particular title, the votes in favor of annexation have been over whelming to all opposition.

ITALY .- The King of Sardinia continues a sort of triumphal visit throughout those portions of the rovinces that have been recently annexed, and is every where received with even more than Ital an enthusiasm. It is said that at the suggestion of France he has laid aside the design of assum ing for the present the title of King of Italy, as i might lead to unprofitable discussion. It is pro bable however that this design will be resume when the fruit is riper and more ready to be pluck ed. The most extraordinary event is the fact tha the Count of Syracuse, uncle to the King of Na ples, has signified his intention of tendering all his influence and even his sword to Victor Emannel in case of a revolution in the Neapolitan do

minions, if the constitution of 1848 is not restored. In Spain, the attempt at revolution has been put down, and the Count of Montemolin, the preten der to the throne, with his brother have been seiz ed and are to undergo trial. The Plenipotentiaries gotiate the treaty of peace between the two coun ries, and it is thought peace will be permanent.

The Austrian government as yet have done no thing to quiet the state of discontent in Hungary, and the letters patent recently issued by the Emperor, instead of doing good have only created a greater mistrust.

Some of the European . correspondents seem to

screws that were applied to the Kansas Lecompton | think that peace is very far from being assured, and that at no very distant day war on the conti have something to disclose in this business, some thirty or forty thousand dollars it is claimed pass to it at present on the part of Austria, so far as we can see, is the want of money. Her finances are in a most wretched state.

Literary Notes and News.

We are indebted to the Han. D. W. Leach for a copy of Morrell's bill to amend the tarriff. The first number of the Dairy Farmer has en received. It is published at Little Falls, Herkimer county, N. Y, by A. W. Eaton, and is

to be devoted to prompting the interests of the dairy in all its departments.

"Milch Cows and Dairy Farming," by G. L. Flint, secretary of the Massachusetts Board of Agriculture, is a treatise on the breeding, selection and management of dairy stock, with a full explanation of Guenon's method of selecting ows; also a description of the diseases of cattle and of the management of milk, in butter and cheese daries, including the modes adopted in making the most celebrated varieties of English, Dutch and Italian cheese. There is also very much other information relating to cattle and the dairy in this volume. Every one who makes the dairy a part of his business will receive useful hints from this volume. The Appendix recently added to the new addition contains information on the cattle disease which has assumed such a formidable aspect in Massachusetts.

The May number of All The Year Round nes been received from the publishers, Messrs. J. M. Emerson & Co. This number concludes the half yearly volume, and contains the last christmas story of Dickens in addition to its usual contents which are as usual excellent. This periodical with the United States Journal is furnished at \$8,50 per year, and a copy of that splendid en-graving of Rose Bonheur's horse fair is likewise

The American Journal of Sciences and Arts, published at New Haven, Ct, for May is just is sued, and contains a variety of papers on scien tific subjects, with a general summary of valua ble information on the progress of the sciences and proceedings of scientific bodies abroad and

General News.

—The Rev. Mr. Harden of New Jersey, who has been on trial for poisoning his wife, has been convicted and sentenced to be hung. -Two new dailies have been started in this State; one

the Expositor at Adrian, by S. P. Jermain & Co., and the other the Telegraph at Kalaroazoo, by H. E. Has-call. Both are republican in politics.

-Judge Wells of Kalamazoo has entirely recovered from the injuries he received on the railroad a short

-The proprietor of the Mackinaw Herald is desirou of selling that establishment and advertises it.

—The importation of Spanish jacks and jennets into Kentucky, which we mentioned some time ago, has been made and the stock all received in good health.

-Several bodies of the lost on the Hungarian have been picked up within the past few weeks on the shores where the vessel was lost. The bodies have been so mutilated, however, that they have not been recognized

—Preparations are being made for the reception of the Japanese embassy at New York. The Powhatan is to land them at Hampton Roads, from whence they will be conveyed direct to Washington. They are afterwards to visit New York, where the Messrs. Leland are preparing the Metropolitan Hotel for their reception. The U. S. steam rigate Ningara is also being fitted up and is to be not at their service to take them to Library few. to be put at their service to take them to Jap when their visit is over.

-Efforts are being made at the east to raise capital to construct a balloon for a voyage across the Atlantic. Ex-periments demonstrate that the currants of air eastward exist and can be taken advantage of.

-Two boys named Bolton ran away from their home in Livington county last week, and were found by their father in a sailor's boarding house in this city, where they got rather harsh fare. They were glad enough to go home, and we think they wont try city life again in a hurry.

-An officer named Clancy who attempted to seize s disorderly teamster while running his horses to get away got kicked by one of the team so severely in the fa that he has since died.

—The pony express from San Francesco proves to be quite an institution. It arrived at St. Joseph, Mo., from San Francisco in nine days and four hours, the last 120 miles being traveled in eight hours and a half.

—It is estimated that nearly fifty thousand persons have gone to the Washoe mines. As a matter of course there is great suffering there.

-The counties of Guernsey, Belmont and Harrison in eastern Ohio, have been visited by showers of meteor stones and a severe shock of earthquake.

-A boy named Macklem fell into the Niagara river a Chippewa and was carried over the Falls.

-Samuel Beardsley, for many years a prominent politician of Central New York, and whose name must be familiar to many of the old residents of that State, died

at Utica on the 7th. -The handsome house of E. W. Morgan of Ann Arbon was set on fire and entirely consumed, with all its furniture, on the night of Sunday last, while the family wer

-Fires of a very destructive character are said to be raging in the woods on the line of the road between Al-bany and Massachusetts, which have already swept over everal hundred acres.

-The American anti-slavery society held an anniver neeting in New York last week, at which its affeit were represented as being in a highly prosperous condi-

-The United States Minister at Japan, Townsen Harris, is dead. He died at Yeddo. The death of such a man is felt as a public loss. -At a contest between two horse shoe makers at Troy,

N. Y., one made 240 shoes in one hours, and the oth 210. This is a contest of muscle worth recording. -Discoveries with regard to counterfeiting being can

ried on on a large scale, and by parties connected with banks and railroads, are said to have been made in New York, that will come out in a short time, when further aminations are made.

-The Kentucky Legislature offer a premium of \$1,000 for a cure for the hog cholera.

-Twenty-nine children, who went out on a pic nic a Camden, S. C., got drewned by the upsetting of a boat. -The anniversaries of the various charitable and re societies have been held the present week in

-The common council of New York have directed the mayor of that city to invite the Prince of Wales to visit that city and be its guest, during his visit to this side of the Atlantic.

ST. CHARLES HOTEL, Corner of Wood and Third Streets. PITTSBURGH, PA.

HARRY SHIRLS, - - PROPRIETOR.

Mich. Southern and Northern Indiana RAIL ROAD.

GRAND EXCURSION

NATIONAL REPUBLICAN
CONVENTION!
At CHICAGO, May 16, 1860. HALF FARE from all Stations. Return tickets good from May 16th to 81st.

good from may loth to sist.

The Return trekets will be issued from MONDAY, MAY leth to 17th, from all Ticket Stations on the line of this Road and branches, good from May 16th to 31st, to all persons who wish to attend the National Republican Convention during its session and who purchase Tickets to Chicago for that purpose.

Those who wish to avail themselves of this arrangement, must purchase Tickets at the Station where they take the train, as full fure will be collected on the trains, in all cases, and no return tickets will be given out except from Stations where no tickets are sold.

Trains leave Detroit daily at 7:20 Å. M. and 7.40 P. M.

M. S. & N. I. R. R. Office,
Toledo, O., May 4th, 1860.

19 1t

MAGIC COPYING PAPER.

Policy of the kind ever invented, combining the useful and the beautiful. Put up in Packages, various colors, 25 and 50 cents each. Sent by mail to any address, with full directions for use. Address, A. M. ANGUS, 19 3t*

H. C. GILBERT'S NURSERIES. Coldwater, Mich.

THE UNDERSIGNED would call the attention of dealers and growers to his large and choice stock of Fruit and Ornamental Trees, all of which will be ready For the Fall Trade of 1860.

20,000 Peach trees, all choice varieties.

ALSO,
Dwarf and Standard Pears, Plums, Cherries, Quinces,
Grapes, Lawton Blackberries, Raspberries, Gooseberries,
Strawberries and other fruits of the leading and most
approved varieties.

For Nurserymen
I have several hundred thousand Apple seedlings, 1 and
2 years old; also, choice Ornamental Trees and Flowering Shrubs.

Dealers and Fruit Growers.

Dealers and Fruit Growers.

Are respectfully invited to look through my stock before closing contracts for next fall and spring. I have several neighbors who are embarking largely in the nursery business, and we are all entirely agreed in one thing, and that is to make Coldwater a point that cannot be safely overlooked by any man who wants Fruit and Ornamental trees.

Come and See us,

and we will engage that you shall be suited in the quality, quantity and terms of sale.

Wented Immediately.

Wanted Immediately, Local Agents at all prominent points in this and west ern States. Also,

as Traveling Agents, to all of whom liberal comwill be paid. H. C. GILBERT, Proprietor.

NANSEMOND SWEET POTATOES.

THE undersigned being permanently located and engaged in the cultivation of the Lebanon Yellow, or Nansemond variety of Sweet Potatoes, offers Plants to the public at the following LOW PRICES: ublic at the 400 for \$1.00, 1,000 for \$2.00, 10,000 for \$15.00.

Plants boxed so as to keep good for one to two weeks,
Send in your orders in time. Plants ready by May 1.

Address R. SNELL,
Foster's Crossings, O.
P. S. All Plants sent by express unless otherwise

PENFIELD'S Implement and Seed Store, Detroit.
April 9, 1860.

Reaping and Mowing Machines. JOHN REILLY..... WM. N. ELLIOTT.

REILLY & ELLIOTT. MANUFACTURERS OF

REILLY'S BADGER STATE Reaping & Mowing Machine.

JOHN REILLY, PATENTEE.

They also manufacture

Steam Engines, Mill Gearing, Plows, and all kinds of Castings.

WHITE PIGEON, MICHIGAN.

THIS BEAPER AND MOWER took the First Promium at the United States Fair in Chicago last Fall; also, at the Wisconsin State Fair in Milwaukes.

White Pigeon, St. Joseph co., Mich.,

April 9, 1860. 15-6m

TREES, SHRUBS AND PLANTS

W M. ADARS invites the attention of Figure 18 and stock of trees, &c., which is unusually fine the pre W stock of trees, &c., which is unusually fine the present season, viz:
Apples, Pears and Cherries, both Standard and Dwarf;
Plums, Peaches, Apricots, Grapes, Raspberries, Strawberries, &c., in great variety.
New Rochelle Blackberry (Lawton), \$1 per doz., \$6
per 100, strong bearing plants.
Wilson's Albany Strawberry, Hooker's Seedling, Jenny
Lind, McAvoy's Superior, Longworth's Prolific; and
many others, at reduced rates.
Seeds of true Hubbbard Squash, 40 seeds for 12 cents
in stamps.

in etamps.

Responseries—Brinkle's Orange, Allen's, Fastolf, Antwerp, Belle de Fontensy, and others.

Currants—all the best, both old and new—Cherry, Red and White Dutch, White and Red Grape, Vorsaliaise, Glorie des Fablons, &c.

Grape Vince—Isabellas, Catawba, Concord, Delaware, Rebecca, Hartford Prolific, Union Village, Logan, Canadian Chief, Marion, Diana, Anna, &c., together with a very large stock of Foreign vines for cultivation under glass.

glass.

Ornamental Trees and Shrubs, in great variety.—
Particular attention is called to our extensive collection of Roses, Dahlias and Verbenas, embracing the best in cultivation.

In addition to the large stock on hand, nine cases have just been received from France per Steamer Australian, with many of the novelties of Europe.

WM. ADAIR, Detroit, Mich.

SEEDS, SEEDS!

THESH SHAKER SEEDS, of LAST YEARS
I growth and warranted. Also, Spring Wheat, Sweet
Potatoes of several kinds, King Philip, Flour, Dutton
Right Rowed and Sweet Corn, Timothy, Clover, Barley
Peas, &c., at 108 Woodward Ave Detroit,

PEACH TREES! PEACH TREES!! POR SALE—6,000 Peach Trees, of the most approved kinds, as: Early and Late Crawford, Troth's, Large Early York, Old Mixon, Ward's Late Tree, Serrate Early York, Rose, etc. foet, \$10.00 per 100; \$80.00 per 1000.

1 8 10 4 7.00 60.00 11

Nursery % mile south of Plymouth village, Wavne Co., Mich. 9-2m* G. YOUNG & PINNEY.

The Yousehold.

"She looketh well to the ways of her household, and eatsth not the bread of idleness."-Provenss.

RDITED BY MRS. L. B. ADAMS.

FAR AWAY.

BY B. HATHAWAY.

Oft my list'ning ear has caught Echo from the world of thought; Like to voice of thrilling tone, Borne unto the spirit lone; Voice of loved ones seeming nigh, Breathing in soft zephyr's sigh,
Of some fairer Eden-clime,
Balm, and bloom, and vesper-chime,—
Calmly bright Arcadia, Blest Elysium, Far Away.

Home of beauty, where the sight Only drinketh in delight; Where each outward form is rife, With the inward heavenly life,— Where each orb of steadfast ray Kindleth on to endless day,— Where ideal good we prized In the real realized. Oh! how glorious though it lay Dimly in the Far Away.

Where the endless ages wing On through ever opening spring;-Where the roses' sweetest prime, Wanes not with the passing time Where, delighting sense and sight, All unknown to frost and blight, All unknown to frost and blight, Luscious, ripened clusters shine On the tender budding vine, In the summer halcyon-lay, Brightening all the Far Away.

Morning land of love and home! Oh! thy charmed paths to roam; Where the waves of crystal rest Round the Islands of the Blest; Where affinities have wrought Union of the kin of thought; Heart to heart, as hand to har Wandering on the golden strand,— Oh! to linger there for aye, In the realm of Far Away. Little Prairie Ronde, Mich.

The Editorial Excursion.

DETROIT TO CLEVELAND-PITTSBURGH-WHEELING.

Pittsburgh, April, 1860. Dating here from the heart of the Great Pennsylvania smoke house, I send my first pencilings of experience in the way of the grand editorial excursion. It was but last night that our little party left Detroit, and by day light the beautiful May Queen had brought us safely through to Cleveland. though the night was dark and foggy, the lake rough, and a heavy rain falling. She is rightly named the Queen. Her owners, with characteristic liberality, united with the lines of the railroad recognizing the editorial passes from the Baltimore and Ohio Railroad Co. and sent us on our way with rejoicing, untold.

But for a nice little trap we very quietly walked into at Cleveland, we might have had time to see something of that city more than is contained in the narrow space between the steamboat landing and the railroad depot; as it was that was all we did see. The trap is set and sprung in this way. As soon as the boat lands, an anxious faced young man steps board and inquires,

"Going south by the Pittsburgh train?" Inexperienced traveler; "Yes."

" Anxious young man; "No time to lose; twenty minutes past five; cars leave at six. Inexperienced traveler; "We must have breakfast first."

Anxious young man; "O yes; here is a dining hall close by, step in; everything ready; breakfast in time," &c., &c.

We all hury in, take seats at a long table, sip a litle cold coffee, eat a bit of cold fried ham, very saltish, a little bash very cold and suspiciously red, try a liver-y buckwheat cake, find it made of extract of hops and some gritty substance, look imploringly at waiters. waiters deaf and blind; then fearing the cars well be off, we hurry to the door, where a portly, pleasant-faced man stands holding out his hand, saying, "Half a dollar, ma'am; half a dollar, sir.'

No wonder he looks portly and pleasant; he can afford it. We pay the half dollar, and hurry out to find that we have yet an hour and a half to wait for the cars! Mem. Next time go to some respectable hotel, get a respectable breakfast and be prepared for the long fast of one hundred and fifty miles between Cleveland and Pittsburgh. There seems to be no dining place on this route, and no time given for hungry traveler to refresh himself from six in the morning till six at night. Weak as I was when I left Detroit, this deprivation, together with the somewhat rough traveling, was very severe for me.-But supper and rest will make all right again.

The scenery through which we have passed to-day is very beautiful. Much of it lies along the Ohio River; indeed, after we left Wellsville, the river was in sight all the way to this city, shimmering, rippling, and glaring along on our right, while to the left rose the abrupt bluffs, often broken into soft spread. ing valleys containing green fields and bloomy

orchards, and pleasant homesteads, or into down, and little houses perched on the nooks and corners where there was room enough for them to stand; or sometimes into wild cheems where only broken rocks and scrubby cedars and stunted yellow pines could be seen. The hilly waves in the western part of Ohio, through which we passed, and within the vicinity of the river seem to be most promiscuously tossed about, broken up and ground together, and the scenery among might be called gorge-ous in more than one sense

The rain of Monday night was so severe that at Wellsville, on this road, a stone bridge over one of these deep ravines leading into the river, was undermined, and this morning a heavy freight train in passing over it broke it down, and the cars were plunged headlong into the river at the mouth of the gorge.-They were lying there when we came down to day, a frightful mass of ruins. It is wonderful that no one was hurt, The locomotive the men were on them. It is fearful to think of what would have been the consequences if up on the track again to reach the train that is to bring us here.

I never saw such a world of bloom as there is among the orchards all the way down from Cleveland. All kinds of fruit trees are loaded with blossoms. Vegetation is very forward here. The woods and gardens look more like the last of May, than the first. This has been a cool, delightful day to ride, and I have enjoyed it much. We shall try to see something of Pittsburgh to-morrow, and then go on to Wheeling. L. B. A.

St. Charles Hotel, Pittsburgh, May 8, 1860. It was a good deal off our regular route to Wheeling to come by the way of Pittsburgh, but we have been a thousand times overpaid for the deviation, in the pleasure we had of seeing so much of Ohio's beautiful scenery, and so many of her pretty towns and villages, All along the route too, from the moment we left home our little party received every attention from the officers of the road, and all the courtesies that could have been anticipated were generously and freely extended to us.

Pittsburgh is worth going a hundred miles out of the way to see at any time, and more especially when one can find such a home as this from which I date, and be so hospitably entertained as we have been since we placed ourselves under the care of the landlord of the St. Charles Hotel. We have been his guests for two nights and nearly two days, and can speak from experience of his liberality and of the excellent arrangements for the comfort of travellers : the bountiful tables, the troops of neat, well trained servants, the rooms, the beds, and indeed all the homelike comforts and luxuries a hungry or weary stranger could desire. To Michigan people coming to Pittsburgh, we commend the St. Charles Hotel. Its location may be seen by reference to the card published in another column.

The weather has been delightful during our stay in this city, and we have taken advantage of it to see all the objects of interest that could be visited in so short a time. The main streets are provided with handsome rail cars by which any part of the city can be reached in a few moments for the trifle of five cents. Stepping into one of these we were taken through full three miles of almost solid blocks of brick and mortar and smoke, to the beautiful cemetery on the green hills beyond. This is one of the leveliest places I ever saw; a still green flowery paradise of rest, with its clean gravelled roads winding ous, blackened whirlpool of business; go up all about among the swelling hills and deep green vales along whose sides and over whose summits aleam the varied monuments which pride and love have placed over the remains of those whom they have laid here to sleep. The grounds are entered by a handsome arched gateway of stone; the old woman at the entrance told us there were five hundred acres within the enclosure. The Pittsburghers are very proud of their cemetery, and they have a right to be so. Leaving this peaceful spot with reluctance, not having explored one half its beauties, we went back to the dark, rushing whirlpool of life below.

Our first call was at an extensive glass maufactory, where we saw them go through the process of making tumblers by the hogshead full, from the time the melted material was taken, glowing with a bright orange red heat from the furnace, till it came out on the other side of the building, pressed, roasted, polished, tempered, and perfect into the hands of the busy packers. The glass here is not blown at all, but all pressed in moulds. There are several large glass factories in the city.

The next visit was at a nail factory, where

tending the machines where slips of iron are deep rocky ravines with water falls dashing cut into nails of all sorts and sizes. Double rows of these low, heavy machines extend from end to end down the centre of a long building, and at each one sits a man or boy turning the iron with rapid motion under the powerful cutters which drop them ready headed and perfect into the iron boxes below. Every movement is performed with the precision of clock work and with a rapidity al most inconceivable. Nothing can be heard under that long high roof but the incessant din and roar of machinery. A nail is a very simple common thing to see, but it will always have a new interest to me after this. An iron rolling establishment is connected with the nail factory, and we went in and watched the fearful operations. It is one of the most terrible sights I ever witnessed, to see those men, with their bare arms and necks and faces glowing with the intense heat of the furnaces, carrying about large blocks of metal burned to a brilliant whiteness and and two or three cars went over safe and all dripping with molden particles, placing them under the tremendous power of the rollers whose first touch sends the fiercy scales flying it had been a passenger train. We had to about them like a shower of blazing stars, walk a long way to get around the ruins and and drawing out and turning the flaming sheets as they lengthen and widen and grow thinner under the powerful pressure. I recollect once being at a museum in Cincinnati where they had an exhibition of the supposed horrors of the infernal regions. It was dreadful enough to look at, and to listen to, and with a little stretch of fancy an imaginative person might feel himself quite at home there, but I think if the artist had visited one of these heavy iron rolling establish retain their humanity in such a place seems wonderful to me.

We lingered so long at these two places that there was time for only short calls at oth ers. The arsenal grounds and buildings are quite handsome, and we went around the gravalled walks to take a look at the long rows of cannon, and the cords and cords of cannon halls and black shells piled up on each side of the armory. Armed sentinels are kept on duty all the time, pacing up and down in front of the great arched gateway; a most tiresome, idle way of living, one would think, and bard ly compensated for by the gay uniform and

tinsel epaulettes they wear. The streets of Pittsburgh are very narrow and not over clean, and the very high, close blocks of unpainted bricks, together with the constant murky state of the atmosphere from the enormous clouds and volumes of coal smoke which roll over and settle down among the buildings give it a gloomy appearance.-The main portion of the city is in an immens basin around one side of which flows the Alleghany and on the other the Monongahela, with their high bluffs, along the summit of which may be seen dwellings and cultivated fields and gardens, while over the green, swelling hills to the east the city stretches up and away till distance and the smoky horizon shut it from sight. Two of us were venturesome enough to climb one of the bold bluffs just where nature opened the way for the Monongahela to come down from its mountain path. This gave us a most charming view of the extent of the city and its environs. The sun was shining above the smoke, and gave us now and then, through the moving clouds below, a glimpse of the point of union between the two mountain streams which form the Ohio. I would not on any account have missed this splendid morning view of the iron city. You cannot see Pittsburgh while you are in it. There it is one tumultuon its embracing hills and look down.

it as it should be seen. We are all most favorably impressed with the character and manners of the people of this city of smoke. Every where, in the streets, shops, stores, among the dust and clatter of machinery, among the sooty men and boys at the iron works, the weary, heated, half-melted glass makers, wherever we went all was kindness and attention, every one ta. king pains to give us all the information curiosity-seekers could desire, and in such a pleasant, friendly way as to make us feel a double pleasure in our pursuit. Not a snobbish answer, a gruff, cross word, or a "mindvour own-business" sort of look, did one of us hear or see during all our stay, or in all our sight-seeing explorations. The Pittsburgers do not put on airs; they can afford to wear better clothing. Their kindness of heart shows itself in their genuine politeness to strangers, and our brief visit among them will ever be remembered with gratitude and pleasure.

Thursday noon we took passage on the Minerva for a river ride to Wheeling, Captain hundreds of men and boys are employed in though there is much rivalry between the river ers and sisters of Napoleon, she and Aaron corn Dalancey.

and railroad lines of communication. We chose this way rather than return to Wellsville by the cars, as all were anxious for a view of the scenery along the Ohio. The distance is ninety-six miles and all the way on either side the views are very beautiful. I never saw this great river so pure and clear a it is now. Our ride has been a most delight ful one, and here we are at Wheeling by day light, Friday morning. It is raining, we hear that the town is full of hungry excursionists. and so prudently remain on board till after breakfast.

There was no chance to visit a single place at Wheeling, for by the time we were off the oat, there was a general rush of editors for the cars, ourselves among the number.

L. B. A.

Noted People of the Bible.

BY SLOW JAMIR.

NUMBER SEVENTEEN.

Miriam.—By the banks of the riv r Nile there once stood a little girl six or seven years of age. The pictures represent her as very beautiful, and if she resembled her brother they are correct. The large and fragrant flowers of a tropical clime bloomed by the water edge, but she heeded them not; the sun beat upon her tender head, but she disregarded his heat; for her mind was full of anxiety for the fate of her baby-brother whom her mother had that morning with bitter tears and many prayers committed to the waters.

At length the Princess, attended by her maidens, comes down to the stream. And now her heart beats high. Will they throw it into the deep water to drown as required by law? or will they spare its life. The baby is crying ments he might have added another touch of and they endeavor to soothe it. Now is her terror to the scene. How men can live and time to act. With a tact beyond her years she steps forward, and in the guise of innocent officiousness, inquires whether she will bring a nurse. She is successful, and that night the babe, restored to its jogful parents, reposes under the protection of that power which lately sought its destruction.

Eighty years have passed away-eighty years of weary bondage to Miriam, and still she is living-still in full vigor of life, for a green old age seemed to belong to the whole amily. But at last deliverance came. Six hundred thousand footmen with their families and numerous herds of cattle, took a joyful farewell of the land of bondage. For a few days, they joyfully pursued their way, but soon their happiness met with a sudden check Encamped by the shore of the Red Sea, they were overtaken by the enemy. The rattling of the shields and bucklers, the rumbling of chariot wheels, can already be heard. The mother clasps the infant close to her bosom, as she thinks of the hoofs under which it will shortly be margled. The prattling child clings closer to the mother's skirts as he sees the gleaming of the sword, which will cut off his head. The fears of the children increase the parents' grief, and the grief of the parents reacts on the children. Nor was the idea of being carried back by the insolent conqueror, less terrible than speedy death.

In all the tumult there is one alone that is calm, and on him the eyes of that vast assembly are turned. He is known by his portly figure, and dignified bearing. He carries simple rod in his hand. He is surrounded by the heads of the tribes, and has assured the people of divine protection, but now he is in a deep revery, as if communicating with the unseen power. The armed foe is drawing near. Already are they drawing out their ranks, and lengthening the wings to prevent escape. Hatred, triumph and scorn can be descried in their countenances. The princes surround their leader in silent suspense, but the multitude become tumultuous in loud complaints. At length he speaks and orders tains, the captains to the heads of thousands, and they communicate it to the people. Soon the great mass is in motion; as they come close up to the water edge, the leader waves his rod; and the stormy elements recedes.-A pathway is opened in the sea, and the immense crowd go down into the ancient bed of the water.

But why does Miriam's eye dilate with a wilder joy than that of the other matrons?-Why does her bosom heave with a highe rapture? That eminent man whom the elements respect, and the people revere, is tae little child over whom she had rejoiced eighty years ago.

The next morning like one in the vigor of life, Miriam, timbrel in hand, headed the procession which went forth in a dance of thanks giving. She also lead the maidens of Israel in a triumphal song.

It is a pity that so amiable a characte should not be left without a stain. This, Gordon generously passing us at half fare however, was not the case. Like the broth

seem to have been jealous of the influence which their brother's wife exercised over him. Perhaps the high respect which Moses paid Jethro helped to increase this feeling. Zip. porah herself seems to have been a very unassuming woman, for we hear nothing about her. They called her an Ethiopian, either because she was darker in complexion than the Israelites, or perhaps because she had a mixture of Ethiopian blood. Her father was a Midianite, and descended from Abraham, but by her mother's side she might have been Ethiopian.

They were reproved by a divine oracle, and in addition to this admonition, Miriam was struck with a terrible disease. Her skin was covered with a white scurf. Aaron examined it and found it genuine leprosy. He was horrified at the idea that her flesh would rot away in time, with the loathsome mortification. At his entreaty, Moses made intercession for her, and the disease was removed, but she was required to humble herself by staying seven days out of the camp. Her example teaches us the danger of pride. This remarkable woman lived till the last year of the wanderings of the Israelites, and died but a short time before her younger brothers. She must have been at least a hundred and twenty-six years of age when she died.

It is conjectured that Hur who, in conjunction with Aaron, held up Moses hands while Joshua fought the Arralekites was Miriam's husband. It is also supposed that Hur resisted the making of a calt in the wilderness till he was killed by the mob, as we do not hear of him after that. These conjectures have no other authority than Jewish tradition, but they are highly probable. If so, it is remarkable that Miriam should become a widow so soon after the deliverance from bondage, that she should die immediately before they entered the promised land, and even in the very time of her birth she was unfortunate, for she was born about the time the Egyptian bondage became cruel and severe. Her name, the same in Hebrew as Mary in English, signifies Lofty. And she was high minded, but like many high minded people, she had an unusual share of misfortunes.

In the last paper I am made to say that common air is composed of hydrogen and nitrogen, instead of oxygen and nitrogen. In the paper before, the life of Moses is divided into three periods of 43 years each—read 40.

Household Varieties.

A SONG OF SPRING.

BY W. W. CALDWELL.

The skies are blue, the valleys green, And little May-bells now are seen With cowslips blooming gally; And far and near, The fields appear In brighter colors daily. Come all who in the spring delight, Enjoy the world and praise right

The goodness so paternal, That clothes again The hill and plain With leaves and blossoms vernal.

Miss Lander, the famous sculptor, is a sister of Col. Lander, who figured so extensively in the matter between Messrs. Pryor and Potter.

Mrs. Margaret Preble, aged ninety-nine years ten months and six days, died on the 6th ult. at the residence of her son in-law, in Pendleton county, Ky. She was born in Pennsylvania, and lived to see the grandchild of her great grand-

The Oswego Times tells a good story of a fashionable lady of that village, whose parents are not possessed of wealth in proportion to her pretentions, who excused herself to a visitor for doing housework, thus: "Mother and I do our own housework, because it is exceedingly roman-

ATA correspondent of the Boston Transcript writes from Florence, Italy, thus: "Florence the people to move forward. The princes of ton, so frequent and regular are the means of comseems now to be almost under the shadow of Bosthe congregation give the word to the cap- munication. Massachusetts people outnumber all others here, and it is not strange that Florence should be in such favor with them, as Tuscan civilization, in its social, literary and artistic excellence, is so much like that to be coveted by an extremely advanced people. The advantages offered for instruction in Florence are very great, and nany foreign families with children to be educated, do not fail to avail themselves of them."

Names of Utensils Enigmatically Ex-

Names of Utensils Enigmatically
pressed.

No. 1. A stannic, patelliform, semi-incavated
perforated, distular handled separator.
No. 2. A circular concavo-convex, octa-costal,
tensa, portable screen.
No. 3. A ferreous, furcated, acuminate, curvated, ligneous handled implement.
No. 4. A ligneous, peotinal, terete dentated,
binary arcuate braced, wand like hafted gleaner.
No. 5. A metallic, acicular, monocular filament-bearer.

J. W. E., Plymouth.

Charade

My first is a statesman.

My second is an interjection.

My third is very cautions.

These joined together form the name of a large bird a native of the Mollucas and New Guinea.

MONYMUSK.

Answer to Poetical Enigma of April 28th-In-DIANA.
Answer to Scriptural enigma—William Heatu

SELECTING the BEST MOWER and REAPER.

The committee on Arricultural Implements of the last New York State Fair, held at Albany, say to farmers:
"WE think the improvements put upon this mathine

(Kirby's American Harvester.)
since the last State Fair, justly entitle it to the award;
("The Most Valuable Machine or Implement for
the Framer, entire newly invented of an
improvement on any now in use,")
and the esceeding strength and great eimploidity of the
machine must commend it to the Famming community.

14

GLADDING'S HORSE PITCH FORK!

Manufactured by S. Bullock. Manufactured by S. Bullock.

This valuable improvement possesses many important advantages over all other Forka, among which are the following: The times being allowed to drop to discharge its load, the tilting of the handle, as in other forks, is avoided; hence, hay can be unloaded with the ntmost facility and east into shed windows or beneath purline beams, and other places where other horse forks cannot be used. It can in all cases be managed with greater case than any other Horse Fork. It is equally adapted to stacking. With this fork a ton of day may be unloaded in from 5 to 7 minutes.

Its simplicity, durability and perfect operation as well as comparatively trifting expense, recommends its use to the farmers of our country.

A. B. DICKINSON.
Decidedly the best I am acquainted with.

A valuable labor saving improvement.

J. RAPALIER, Genesee Seed Store.

It possesses several advantages over the Horse Fork commonly used.

J. The best machine for the purpose within our knowledge, and therefore commend it to the sttention of all interested. It must prove a decided acquisition in the haying season, when both time and labor are money.

It will prove a wonderful labor saving machine, I be-

It will prove a wonderful labor saving machine. I be lieve wherever tried it will be found profitable. JOHN JOHNSON, Geneva. John Johnson, Geneva.

Unloading hay at the barn by horse power is such a simple operation that it seems wonderful how a sensible farmer can continue the exceedingly hard laboriof lifting it a forkful at a time in the stifling heat of a July afternoon.—N. Y. Tribune.

The best apparatus for unloading hay we are acquainted with.—Genesee Farmer.

ted with.—Geneses Farmer.
Gladding's Horse Pitch Fork is one of the labor saving machines which will pay to purchase.—Prairie Farmer.
Unloading in a barn by means of a Horse Pitch Fork is becoming quite common in some sections of our country, and will be practiced every where as soon as the farmers understand the operation. The invention of C. E. Gladding is the best we have seen in operation.—Am. Agriculturist.

C. E. Gladding has constructed a Fork which after a cent trial we are satisfied is an important improvement, -Albany Cultivator.

Albany Cuttivator.

The above tes imonials are selected from many others, the signers being generally known as distinguished agriculturists. All who have seen it operate, agree in the above opinion of its merits. This fork has taken the First Premium at Evers Farn at which it has been exhibited, including the State Fairs of Pennsylvania and New York for 1859; and New York, Illinois, Michigan, and United States Fairs at Chicago for 1859, bessdes numerous County Fairs.

Fork, Rope and Pulleys \$12. State and County Rights for sale. Address

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After May 1st, 1860, at 501 Broadway, two doors from the St. Nicholas Hotel. THE Stereoscope is the most instructive, interesting, entertaining, amusing, and exciting of modern inven

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We have an immense variety of paper Views of Scenes in Paris, London, England, Scotland, Ireland, Wales, France, Belgium, Holland, Switzerland, Spain, The Rhine, Versallies, St. Cloud, Fontainebieau, Tuilleries, Italy, Turkey, Egypt, Athens, the Holy Land, China, India, Crystal Palace, also Groups Historical, amusing mar riage scenes, breakfast scenes, pic-nics, statuary, &c., &c., an exquisite assortment of Illuminated Interiors of Palaces, Churches, and Cathedrals of France, Italy, &c. The effect of these illuminated views is most remarkable, Every gentleman of wealth and refined taste should have in his drawing-room some of our exquisite views on glass, with a revolving stereoscope, showing 12, 25, 50 or 100 scenes. Nothing can be more fascinating, and one can offer no greater treat to a friend fond of the picturesque and beautiful.

Anthony's Instantaneous Stereoscopic Views are the latest Photographic wender. They are taken in the for tieth part of a second, and everything no matter how rapidly it may be moving, is depicted as sharply and distinctly asif it had been perfectly at rest. This gives an additional value, for to the beauties of inanimate nature it adds the charm of life and motion. The process is a discovery of our own, and being unknown in Europe, we ceive from London and Paris large orders for Anhony's Instantaneous views of American life and secuery.

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Men of leisure will find Photography a most fascinating and delightful annusement. We are prepared to fit out amateurs with everything necessary for their success together with instructions "How to take Stereoscope Pictures."

E ANTHONY,

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E ANTHONY.

Importer and Manufacturer of Photographic Materials, Stereoscopes and Stereoscopic Views.

E Merchants from every section of the country are nevited to make an examination of our stock, as our discount to the trade will be liberal.

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Sund by mail a print unpounted with price of Negatives.

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WILL find at the subscribers a very large stock of trees
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Persons selling, or about to sell trees in the west, for
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are disposed to deal liberally with them, and furnish
them with trees indigenous to the soil and climate of the
west, saving them the exposures attendant on shipm rate
from nurseries four or five hundred miles eastward. A
few intelligent, industrious men can obtain agencies for
sale of our stock.

sale of our stock.

A large trade has heretofore been done at this place, in trees trafficked for in the east, but this year our neighbors have also good stocks of their own growth. W have details good stocks of their own growth. W have details ready raised our own trees offered for sale. Our premises are at the head of Broadway, 2 miles above the Oliver house. Address as below.

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RECOMMENDATION TO PARMERS IN 1860. SUMMER ARRANGEMENT. 1860. The man name of the manager states in manager as in MICHIGAN SOUTHERN

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MONROE, CHICAGO, TOLEDO, CINCINNATI AND CLEVELAND LINE,

With its connections forms a Through Boute from Detroit to Monroe, Adrian, Chicago, Toledo, Sanduaky, Cleveland, Dayton, Hamilton, Cincinnati, Pittsburg, Wheeling, Harrisburg, Philadelphia, Baltimore, Washington, Erie, Dunkirk, Buffalo, Albany, New York, Boston Montreal, Quebec, Portland, Rouse's Point and all polute interior, in Ohio, Pennsylvania, New York, and the New England States, and all points West and South West.

ON and after Monday, April 9th, 1860, Passenger Trains will run as follows:

ARRANGEMENT OF TRAINS.

FROM DETROIT—Mail and Express, daily, except Sunday, at 7:20 A. M.; arriving in Toledo at 10:15 A. M., connecting with the Express Train from Toledo at 10:30 A. M. (via old road), arriving in Chicago at 8:15 A. M. Ohicago and Cincinnati Express, daily, except Sund ys, st 7:40 P. M., arriving in Toledo at 10:35 P. M., Adrian 11:20 P. M., connecting with the Lightning Express Train for Chicago (via old Road), arriving in Chicago at 8:00 A. M.

M.
Toledo accommodation, daily except Sunday, at 12:15
P. M., arriving in Toledo at 4:90 P. M., connecting with
Express train for Cleveland, Buffalo and New York.
FROM CHICAGO—Mail and Express, daily, except
Sundays (via old Road), at 6 A. M. and Lightning Express, daily, except Sundays, via A ir Line, at 8:00 A.
making connection with 4:05 P. M. train from Toledo at
Air Line Junction, arriving in Detroit at 6:50 P. M.; Chicago and Montreal Express, daily except Saturday, at 8:00
P. M., via old road and Adrian, arriving at Detroit at 7:05
A. M.

A. M.
FROM TOLED()—Chicago and Montreal Express, daily except Sundays at 4:15 A. M., arriving in Detroit at 7:05 A. M.
Mail and Express, daily except Sundays, at 4:05 P. M., arriving at Detroit at 6:50 P. M.
Detroit Accommodation, daily except Sundays, at 11:00 A. M., arriving in Detroit at 8:00 P. M.

CONNECTIONS:

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CONNECTIONS:

Trains from Detroit connect at Adrian with Michigan Southern Main Line for Chicago, with New Albany and Salem Railroad, at the crossing of that line, and at Chicago with all Roads for the Northwest and South.

Connect also at Adrian with Jackson Branch Trains for Jackson.

Connect at Toledo with Dayton and Michigan Road, for Dayton, Hamilton and Cincinnati; with the Cleveland and Toledo Road, for Sandusky, Cleveland, Pittsburg, Dunkirk. Buffalo, Albany, Boston and New York; with Wabash Valley Road for Fort Wayne, and points Southwest, and with Air Line Rail Road for Bryan, Kendalville, Ligonier and Goshen.

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Freight Trains leave daily, except Sunday, as follows:

Freight Trains leave daily, except Sunday, as follows: FOR TOLEDO, at 12:15 P. M. arriving at Toledo at 4:00 FOR CHICAGO, at 4:00 P. M., arriving at Chicago at 0:05 P. M.

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Treenty-three stumps have been pulled with this Machine in an hour and fifteen minutes. The undersigned will sell machines and rights to use and manufacture in any part of Michigan except the counties of Hillsdale, Branch, Wayne, Washtenaw, Jackson, Calhoun, Kalamazoo, Van Buren, Macomb, Genesee, Shiawasse, Saginaw Puscola and St. Clair, which are already sold.

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Wilson's Albany Seedling Strawberry. COR SALE, Fifty Thousand, at five dollars per thou-the sand, or three dollars for five hundred; packed in moss and delivered at the Express or E. E. freight office. W. H. HAYS, 9-5w Bridgewater, Oneida co., N. Y.

SUBSOIL AND JOINTER PLOWS, Manufactured by

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Price of Subsoil Plew for one team, with draft rod, Price of the Curtis Jointer, or double Plow, for one team, \$14.06.

New Rochelle, Lawton, Blackberry. FINE PLANTS, carefully packed and sent according to directions, at One Dollar per dozen. Five dozen for Four Hollars; ten dozen for Six dellars. Direct to 13-4t CHARLES BETTS, Burr Oak, Mich.

IT IS NOT TOO MUCH TO SAY SINCE ALL OLD AND YOUNG, AFFIRM ITS TRUTH,

Viz: That Professor Wood's Hair Restorative

Viz: That Professor Wood's Hair Restorative
Will preserve infallably the grouth and color of the
hair, it used two or three times a week, to any imaginable age. Perfectly restore the gray, cover the bald
with nature's own ornament, the hair; make it more
soft and beautiful than any oil, and preserve the scalp
free from all diseases to the greatest age. Statesmen,
Judges, Attorneys, Doetors, Clergymen, Professional
men and Gentlemen and Ladis of all classes, all over
the world, bear testimony that we do not say too much
in its favor. Read the following and judge;
Hickory Grove, St Charles Co., Mo., Nov. 19, 1867.
Prof. O. J. Wood—Dear Sir: Some time last summer
we were induced to use some of your Hair Restorative,
and its effects were so wonderful, we feel it our duty to
you and the afflicted, to report it.

Our little son's head for some time had been perfectly
covered with sores, and some called it scald head. The
hair almost entirely came off in consequence, when a
friend, seeing his sufferings, advised us to use your Restorative; we did so with little hope of success, but to
our surprise, and that of all our friends, a very few applications removed the disease entirely, and a new and
luxuriant crop of hair as any other child. We can, therefore,
and to hereby, recommend your Restorative, as a perfect remedy for all diseases of the scalp and hair. We
are yours respectfully,

SARAH A. HIGGINBOTHAM.

Prof. Wood—Dear Sir, My hair had, for several years,
been becoming prematurely gray, accompanied by a

Prof. Wood—Dear Sir, My hair had, for several years, been becoming prematurely gray, accompanied by a harshness which rendered the constant use of oil necessary in dressing it. When I commenced using your Hair Restorative about two months ago it was in that condition; and having continued its use till within the last three weeks, it has turned to its natural color, and assumed a softness and lustre greatly tabe preferred to those produced by the application of oils or any other preparation I have ever used. I regard it as an indispensable article for every lady s toilet, whether to be used as a Hair Restorative or for the simple purpose of dressing or beautifying the hair. You have permission to refer to me all who entertain any doubt of its performing all that is claimed for it.

MRS. C. SYMONDS,
Cincinnati, O., Feb. 10, 1857.

MRS. C. SYMONDS,
Cincinnati, O., Feb. 10, 1837.

Wellington, Mo., Dec. 5, 1837.

Prof. Wood—Dear Sir; By the advise of a friend of mine, who had been using your Hair Restorative, I was induced to try it. I had the fever, some time last May, and nearly every hair in my head came out. Now my hair has come in a great deal thicker than ever it was. Nothing but a duty and sympathy that I icel to communicate to others who are afflicted as I have been, would induce me to give this public acknowledgment of the benefit I have received from Prof. Wood's Hair Restorative. Yours respectfully.

A. B. JACOBS.

The Restorative is put up in bottles of 8 sizes, viz: large, medium, and small; the small holds ½ a pini, and retails for one dollar per bottle; the large holds a quart, forty per cent, more in proportion, and retails \$3.

O. J. WOOD & CO., Proprictors, 312 Broadway, New York, (in the great N. Y., Wire Railing Establishment,) and 114 Market St., St. Louis, Mo.

And sold by all good Druggists and Fancy Goods Dealers.

SUMMER COMPLAINTS.

SUMMER COMPLAINTS. Viz: Diarrhea and Cholera Morbus. and Flatulent and Spasmodic Colies.

WE, the undersigned, have for several years past B. FOSGATE'S ANODYNE CORDIAL.

ous complaints, as officed the foct the book means for their cure or relief:

W. Bristol, Utica,
J. J. Foor, Hamilton,
L. Parsons, Westfield,
S. Whitze & Son, Fredonia, L. Kelly & Co., Geneva,
A. P. Curtis, Attica,
W. Seaver & Son, Fredonia, J. Owen & Co., Detroit,
J. G. Barlerr, Leroy,
T. Beadle, Elmira,
A. I. Matthews, Buffalo,
L. B. Swan, Rochester,
N. B. It is particularly useful to Children when
Teething, as it allays irritation, induces moderate
perspiration and produces sleep.
Price 25 Cents. For sale by J. S. Cuthbert & Co.,
Detroit; Farrand & Shelley, Detroit; T. & J. Hinoham,
Detroit; and by Druggists generally.

N. TUTTLE, General Agent,
Auburn, N. Y.

NORTHVILLE FOUNDRY and Machine Shop. IN the village of Northville, at the old stand of C. G. HARRINGTON, may be found a large stock of the

LATEST IMPROVED PLOWS, of every style and variety now offered in the Easter Western market. Plows which for durability and li ness of draught, are equalled by few and armouses none. The subscriber is also manufacturing

Cultivators, Drags, Sawing Machines,
Iron Wares,
and in fact almost everything that can be cast, carved
or turned, necessary to meet the growing wants and increasing demand of the Farmer and husbandman. Haying secured workmen of long experience and well established reputation to superintend every department
of the business, he trusts his facilities for the manufacture of all the above mentioned works, also, for

REPAIRING

most kinds of Machinery, are equalled by very few inland towns in the State.

Feeling thankful for the large and liberal patronage which he has heretofore enjoyed, he would here say, that he still hopes by untiring diligence and prompt attention to business, not only to retain all of his old friends and customers, but greatly enhance the number at the expiration of the present year.

C. G. HARRINGTON.

Northville, Mich., March 27, 1860.

Northville, Mich., March 27, 1860.

EGYPTIAN CORN.

EGYPTIAN CORN.

THE subscriber offers to farmers throughout the country the Ecyrptian Corn, which upon trial was found to ripen planted even the first of July. It is estimated, from its very prolific qualities, to yield 200 bushels per acre, and weighs by scaled measure 65 pounds to the bushel. This Corn was produced from some procured direct from Mr. Jones, our Consular Agent, directly on his return from Egypt.

It needs no different culture from that of other varieties, and in the South two crops can be raised in one season on the same ground. It grows in the form of a tree, and twenty-two ears have grown upon one stalk, and will average from five to fitteen. For domestic use it is unparalleled. When ground and properly bolted, it is equal in color and fineness to wheaten flour. As a forage crop, by sowing in drills or broadcast, for early teed, there is no kind of corn so well adapted to milch cows, and none that will yield half the value in stalks or corn.

ows, and note that will yield half the value in stalks or corn.

It can be successfully grown in any State of the Union from Maine to Texas. I can give the most astisfactory references that the corn is, in every respect, what I represent it to be, and further, I am the only person throughout the country who has this variety of corn.—Having secured a quantity, I am now able to fill all orders, for those desirous of testing it.

To any person who will enclose in a letter, One Dollar, in Stamps or Currency, directed to me, I will send, postage paid, sufficient corn to produce enough to plant, the fullowing year, from twenty to thirty acres. Also, directions for planting and cultivation.

Any person who will get up a club of free, will receive a package gratis.

Give your full name, post office, county, and State written plain, so that no errors may occur.

Address M. E. CRANDAL.

14-8t Sandwich, DeKaib Co., Illinois.

CECRET ART OF CATCHING FISH, in any water, S as fast as you cap pull them out, sent for 20 etc. This is no humbug. Address Flushing, Genesee Co., Mich.

THE BEST MACHINE IN THE WORLD.



Most Valuable Implement for the Farmer.

Contains the most valuable Improvement of any Harvester in Use."

WE have the pleasure of offering Farmers the Improved Kirby's American Harvester for 1860, which stands now unrivalled for facility of operation, lightness of draft, adaptation to uneven surfaces, strength, simplicity and durability; and is pronounced by all who have tested the various machines in use, to be the most complete combined Resper and Mower "either newly invented, or an improvement on any now in use."

First Premiums at State Fairs and Trials as the BEST REAPER AND MOWER COMBINED.

BEST REAPER AND MOWER COMBINED.

At the last New York State Fair, it was the only Harvester that received a Premium among some forty machines on exhibition. The Judges awarded it a Silver Medal and Diploma, as "The most valuable Machine or Implement for the Farmer, either newly invented or an improvement on any now in use." They say in their report: "We fink the improvements put upon this machine since the last State Fair are of such a character as to justly entitle it to this award; and the exceeding simplicity and great strength of the machine must commend it to the farming community."

At the Wisconsin State Fair, last fall, it attracted especial attention, and after a very careful inspection by the Committee, was honored with three Diplomas—as a Mower, a combined Reaper and Mower, and for the one-horse Harvester.

At the Michigan State Fair last fall, it received the

At the Michigan State Fair last fall, it received the ist Premium as the Best Combined Reaper & Mower. At the Tennessee State Fair last fall it received the 1st remium as the best Combined Reuper and Mower. At the Tennessee State Trial last summer, it receives be First Premium as the Best Combined Reaper and

At the last Indiana State Trial, it received the First Premium as the best Combined Reaper and Mower. At the In liana State Fair n 1858, it received the First Premium as the best Combined Reuper and Mower. All premiums on machines as Mowers only, or Reapers only, do not recommend to tarmers what they want viz:—

THE BEST COMBINED REAPING AND MOWING The Factory Price of the Improved Harvester for 1860, will be \$135; for Mower, \$10; for Little Buffalo Harvester, \$100—Mower, \$90.

For further particulars address
L. J. BUSH, Gen'l Agent, 11-8m
Toledo, Ohio,
The Harvesters are sold by the following agents in Michigan:

B. FOSGATE'S ANODYNE CORDIAL, and during this period have witnessed its salutary effects in curing the diseases for which it is recommended, viz: Acute and Chronic Diarrhea and Cholera Morbus, in our own, and in the lamilies of our customers, and have also seen its successful administration in cases of CHOLERA INFANTUM.

We do, therefore, confidently recommend it to all those who may be afflicted with those distressing and dangerous complaints, as offering one of the best means for their cure or relief:
W. Bristol, Utica, J. Osbork, Seneca Falls, L. Parsons, Westfield, L. Kelly & Co., Geneva, S. W. W. Chillop, Charlotte.

HOWE'S IMPROVED HAY OR CATTLE SCALES! THE BEST IN USE.

THE BEST IN USE.

FIRST PREMIUM OVER FAIRBANKS, at Vermont I State Fair. '57 and '58.

FIRST PREMIUM and no competition in 1859.

FIRST PREMIUM at 13 different State Fairs.

SIVER & BRONZE MEDALS at American Institute Fair, N. Y., 1859.

Howe's SOALES FOR ALL USES, have Great Simplicity, Wonderful Accuracy.

Requisire no Pit: may be set on top of the ground, or on a barn floor, and easily removed.

No Check Rod: No Friction on Knife Edges; all friction received on Balls. Weigh trulysif not level. Delivered at any Railroad Station in the United States or Canada, set up, and warranted to give entire satie-faction or taken back.

Send for Oirculars and price lists, with account of trial of Scales between Howe and Fairbanks, at Vermont State Fairs, to JAMES G. DUDLEY,

General Western Agent, 93 Main et.,

44-1y

CAST STEEL BELLS. For Churches, Academies, Fire Alarms Factories, &c, FROM SHEFFIELD, ENGLAND,

HAVE been tested in all climates. Europe and Ameri-tones; can be heard farther than other bells. They cost 50 per cent. less than

THE BEST COMPOSITION BELLS,

HERRING'S PATENT Fire and Burglar-Proof Safes. WITH HALL'S PATENT POWDER-PROOF LOCKS.

HAVE NEVER PAILED IN MORE THAN 800 DISASTROUS FIRES.

The Safest and Best Safe in Use.
Delivered at any Railroad Station in the United States, or Canada, at the very lowest rates, by

JAMES G. DUDLEY, Sole Agent,
44-1y at 93 Main st., Buffalo, N. Y.

(Lady or Gentleman) in the United States, possessing a small capital of from \$5 to \$7, can enter into an easy and respectable business, by which from \$5 to \$10 per day can be realized for particulars, address (with stamp)

41 North Sixth-st., Philadelphia.

Wheeler & Wilson's Sewing Machine OFFICE REMOVED FROM 145 JEFFERSON AVENUE, TO ROOM No. 1 MERRILL BLOCK.

O. M. PARTRIDGE, Gen'l Agent, ff Successors to L. D. & H. C. GRIGGE. CUMMING'S PATENT

AX, STRAW AND STALK CUTTER
the best in use, by hand or horse power, at
PENFIELD'S AGR'L WAREHOUSE,
Detroit, Dec. 30, 1858.

Nansemond Sweet Potato Plants,

NAMSCHIONE SWEEL FOLLO Flants,
DY THE MILLION, from May 1st to July, put up 1000 as to carry in good order 1000 miles. Price, 400 as 1000 \$2, 5000 \$0, 10,000 \$15. My plants have grown fine crops 44 degrees north. Send for my circular containing full directions for cultivation and the experience of those who have grown them. Address.

M. M. MUERAY,
11-cowtf Fruit Hills, Loveland, Clermont co., O.

THE BEST MACHINE AND NO MISTAKE.

For the Harvest of 1860.

Double Hinge-Jointed and Folding Bar BUCKEYE

MOWER AND REAPER

Aultman & Miller's Patent, OF CANTON, OHIO,

MANUFACTURED BY Waters, Lathrop & McNaughton JACKSON, MICHIGAN.

A Perfect Mower,

A First Class Reaper,

It has proved to be THE MOST DURABLE MACHINE AND OF THE LIGHTEST DRAUGHT.

And it works MORE EASILY & SURELY

THAN ANY OTHER. IT IS THE MACHINE.

This fact is so well established by the Farmers themselves, that there is no longer any occasion for our incomparable list of GOLD MEDALS AND FIRST PREMIU

> National, State and County Fairs. What we wish now to say

the Farmers of Michigan

that any of them who have not yet ordered one of these machine, if

they want it FOR THE HARVEST OF 1860, they should loose no time in ordering it from us or

from one of our Agents, viz: Gen'l Agt. for the State, E. ARNOLD, of DEXTER.

Wayne County—HEATH & DRESSER, Blindbury's
Hotel, Detroit.
C. M. MANN, 103 Michigan Avenue, Detroit.
Coakland County, H. N. HILL, Posters

Hotel, Detroit.
C. M. MANN, 108 Mindigan Avenue, Detroit.
Oakland County,
Lapser County,
Oakland County,
Oakland County,
DENNISON, Troy.

Macomb County and east tier of townships in Oakland
-1. WOODWARD, Rochester.
Cathoun County, -V. GIBS, Homer.
G. B. MURRAY, Marshall.
BURNHAM & CO. Battle Creek.
Kalamasoo County, -Dr. F. RANSOM, Kalamszoo.
Lenavee & Monroe-KEYES & FRIEZE, Clinton,
Washtenave, east part-Geo. ALEXANDER, Ypsilanti.
HORACE WELSH, Pittsfeld.
HENDERSON & RISDON, Ann Arbor.
Genesse Co.—J. C. DAYTON, Grand Blanc.
Oakland Co.—WM. HENDERSON. West Novi.
Jonia County.—H DEGARMO. Lyons.
Livingston Co.—FREEMAN WEBS, Pinckney.
Jackson Co.—M. LONGYEAR, Grass Lake.
J. W. BURWELL, Livingston county.
The reputation of the Buckeye is so well established

J. W. BURWELL, Livingston county.

The reputation of the Buckeye is so well established (embracing all real improvements and having some peculiar to tizelf which no other machino has or can have) that we have no fear that intelligent farmers in our State, who can procure this, will purchase any other either for mowing or reaping.

WATERS, LATHEOP & McNAUGHTON.

Jackson, March 31, 1860.

DAINES' AMERICAN DRAIN TILE MAKER.

The Best and Cheapest Tile Machine in the World. Forty-one first Premiums awarded to it at State and County Fairs. First Premium at the National Fair, at Louisville,

The TILE MACHINE invented by JOHN DAINES
of Birmingham, Oakland county, Michigan, is
now being manufactured in the most
thorough manner, and is offered to
the farming community as the

Cheapest, Most Labor-Saving and Most Complete Invention,

Complete Invention,
and enabling farmers to make their own Tiles, that has
yet been put before the Agriculturists of the United
States, at a reduced price.

These machines are made of iron, are easily worked,
any man being able to manufacture a first rate article
after a few hours practice.

They cost delivered in Detroit only \$100. They have
two dies, for three and four inch tile; and extra dies to
accompany the machine cost \$2.00 each.

These machines will manufacture per day, according
to the force employed, from 150 TO 250 RODS OF
HORSESHOE OR PIPE TILE. The machine weighs
but 500 pounds, and can be packed and sent to any part
of the United States, or to foreign countries, as easily as
a piano. With this machine, any farmer who has a fair
quality of clay on his farm, can manufacture his own
Tiles at a cheap rate, and easily save the price of the machine by avoiding the cost of transportation. The machine when in operation, takes up no more room than an
ordinary sized kitchen table; it may be worked by twe
or three men as may be found most convenient and
economical, or a man and two boys can keep it in full
operation.

For Simplicity, Durability, Economy.

For Simplicity, Durability, Economy, Cheapness, and amount of work, this Tile Maker Challenges the World!

At the present time, when thorough draining has be-come a necessity on aluvial lands, it offers the simplest and cheapest means of furnishing farmers with a drain-ing material far superior to any other material now used for that purpose. for that purpose.

The property of these machines may be addressed to JOHN DAINES, Birmingham, Mich.

TOLEDO

WHOLESALE NURSERIES. A. FAHNESTOCK & SONS,

OFFER to the trade generally and to all persons wish-omest rates per dozen, hundred or thousand. Our stock comprises, Apples, Pears, dwarf and stan'd, Plums, Cherries, dw'f and st'd, Peaches, Apricots, Nec-tarines, &c., as well as Lawton Blackberries, Strawber-ries, Raspberries, Gooseberries, Grape vines, Currants, &c.

Taking transportation and season into consideration, we sell lower than almost any eastern nursery. Our stock of Ornamental Trees, Evergreens, Shrubbery and Greenhouse plants is the largest west of Rochester, N. T. Orders solicited.

A. FAHNESTOCK & SONS, Toledo, Ohio, Send stamp and get a catalogue.

MICHIGAN FARMER. R. F. JOHNSTONE, EDITOR.

Publication office, 130 Jefferson Avenue, DETROIT, MICHIGAN.

S. FOLSOM, WOOL DEALER, 90 Woodward Avenue,

THE MARKETS.

Breadstuffs. During the past week, there has been but very little During the past week, there has been but very little change to note in the markets. The receipts of all kinds of produce is much lighter than usual owing to the farmers being now fully occupied with their spring work. It is the general impression from all the accounts that have reached those who are most interested that the wheat of this State has been mostly all sent out of the stock on hand is very light, more than usually so for this season of the year. It is also conceded that the crop of last year was over-estimated by fully one-third. Instead of ten or eleven million of bushels being produced, the amount of crop did not reach over six and a half or seven millions. Nearly a million of this went in Northern Ohlo, where the crop was so badly cut off by the June frosts, and taking out one half of the remainder for seed and home consumption, and only about three millions of frosts, and taking out one half of the remainder for seed and home consumption, and only about three millions of bushels were left to be sent eastward, of this the greater part has already been sent forward. At the present prices of \$1.40 for prime samples of white wheat, there should be a good delivery if the wheat were on hand. We see that the speculative inquiry which had spring up in New York for a week or two has declined, and that this is as much occasioned by the large arrivals of both flour and grain as by the withdrawal of shippers from the market, on accounts of prices as well as by an advance in foreign freights. The advanced prices given here are owing also to the opening of navigation, which here are owing also to the opening of navigation, which has reduced the cost of transportation, and consequently what has been taken off, has been added to the value of

wheat in first hands.

In corn and oats there is no market change. The sup-

In corn and cats there is no warket change. The supply of both continues good at our quotations.

Potatoes are driven into market very freely, but the
prices have not changed. The demand is principally
confined to the home supply. Beans are very dull this
season, and hardly in any demand
Butter and eggs are likewise in full supply, and without any changes in prices.
In apples there is no change. Prices seem to have
reached their outside limits.

Hives and skins are steady at the prices quoted.

Freights in flour and grain range at 60 cents per bbl

Freights in flour and grain range at 60 cents per bbl from this city to New York per lake and railroad Flour to Buffale is taken at 12% cents per bbl and wheatat 8 cents per bag of two bushels.

Live Stock, &c.

The sale of live stock is somewhat brisker than it has The sale of live stock is somewhat brisker than it has been in this city, the opening of navigation makes a demand by vessels that adds considerably to the trade. We note that Smith is as usual busy in that line, and during the week he purchased six head of cattle at 3½ and 11 head at 3.62½ live weight. The latter were a very choice lot. In sheep we note a purchase of 45, weighing when dressed 45 pounds each at 5.00 per head. Sheep are not very plenty, most of the farmers holding on till after shearing time which is now close at hand. We note a top a small like of hore sold at 6 cents dressed. on till after shearing time which is now close at hand. We note also a small lot of hogs sold at 6 cents dressed. Live weight hogs are selling at 4½ cents. Hides and skins remain steady. Pelts are about as high as they will be this season, bringing frou \$150 to 2.00. Pork is now worth \$17.50 to 18.00 per bbl. Hams 12 cents. Shoulders \$69.

At Albany there was an overstocked market on Monday.

At Albahy there was an overstocked market of a ford-day last. There being 800 head more than the week previous had furnished, and prices on live weight went down from an eight to a quarter of a cent per lb. Of Michigan cattle Terry and Pendell sold 18 head of light animals at \$32 per head.

In New York there were about 3500 offered for sale, and the uncertage thought a decline, vary few except the

and the market showed a decline, very few except the best cattle bring 10 cents. The N. Y. Tribune remarks:

We have often seen a greater number of fine quality, heavy, fat bullocks in this market, but we never saw the day when we could count so great a number of really well fed bullocks in these pens. At least 2,000 of the number here are fit for any good retail butcher's stall; and we believe that that number of cattle were never together upon these paving stones that would turn out more tallow to the net weight of meat, than those here this week. It is worthy of remark that country buyers, who want lean steers for grazing, cannot supply their wants in this market.

Tuesday was a very favorable day for trade. Unlike Monday, which was oupressively warm then.

who want lean steers for grazing, cannot supply their wants in this market.

Tuesday was a very favorable day for trade. Unlike Monday, which was oppressively warm, the opening day of the market was cool enough for stout overcoats, particularly toward night. The fore part of the day showed a tolerably lively state of trade; but after dinner, when every one has satisfied his own hunger, he thought, to judge from the action, that nobody would ever be hungry again, and of course there was no need of buying beef on foot, in anticipation of the demand. The consequence was a very slow trade all the afternoon, though it grew as little better just at night; but the proportion of the stock sold the first day was very much less this week than last, and although the difference in price throughout the day was not such as could be easily expressed in figures, there was a difference, and all in favor of buyers.

Wool. Wool.

The wool market in this city presents no new feature.
The sales of pulled wool continue at the rates given last week, with rather a disposition on the part of purchasers to decline to buy except at a slight concession.— The eastern market reports pulled wools as not at all in demand and quite neglected, while even fleece wools are going off slowly. We quote sale of 6000 fbs at 400 as a closer approach to actual sales. Coarse sorts range from 80 to 85c. The Worl Grower quotes the Cleveland market as follows:

"The prices are merely nominal with light stocks of

Dhio Saxony fle	90C0	60e
Full blood Meri	no	54e
do		49c
		440
do do	***************************************	400
Common		85c

"The stock of pulled wool is larger, prices in favor of the buyer. Over 200,000 fbs have been pulled in this market the past winter, most of which has been marketed. Probably not to exceed 20,000 Bs on the market at

this time."		A Local
The New York pr	ices are-	
Am. Saxony flee	nce •	54@58
Am, full blood	Merino	48@59
Am. % and % N	terino	48@46
Am. native and	1 14 Merino	36@38
Krtra pulled		49(2) 47
Superfine do		98/2098
Canada pulled		25@85
The Boston quote	ations are—	HAT. A.
Baxony choice.		6000.65
-Saxony fleece		54@50
do do		450048
do		40048
Common	***************	85@88
Western mixed		88@45
Southern fleece	a-washed	800-
California		16@49

MIHO A MThe Young and Well Bred Stallions, 1 Tol 21 11

LOAFER,"

Winner of the First Prize, as a "Black Hawk or Morgan," of his age, at the last Michigan State Fair, and

"LOUNGER,"

Winner of the First Prizes, as a trotter, of his age, at the last Branch county Fair, and at the Kalamazoo Horse Show of last year—will be kept for the service of mares, this season,

Show of last year—will be kept for the service of marcs, this season,

AT J. PETERSON'S LIVERY STABLES, COLDWATER, MICH.,
at prices which will warrant every breeder of horses, in this vicinity, in raising good ones.

They are of the finest bay color—good temper—very premising in action, with sufficient size to perform any labor required.

They are among the most promising of the get of their worthy sire—Green Mountain Black Hawk—from dams of a valuable strain of English breeding.

All are respectfully invited to give them an examination.

Coldwater, April, 1860.

The Bashaw Trotting Stallion

LONG ISLAND BLACK HAWK,

WILL stand this season at the Stable of W. G. McGREGORY, 46 East Larned Street, Detroit. Season to commence with May lat and to close on the 15th of July next.

*20 for the season, or \$25 to insure a mare with foal. Season money payable February 1st, 1861. Persons parting with marcs before foaling will be held responsible for insurance money. Good pasture furnished for mares sent from a distance at 50 cents per week. All accidents or escapes at the risk of the owner.

LONG ISLAND BLACK HAWK

Is half brother to Jupiter, Eureka, Mohawk, Plowboy, &c., the fastest horses on Long Island. He was sired by New York Black Hawk, who was by Andrew Jackson out of the famous trotting mare sally Miller.

Andrew Jackson was by Young Bashaw; dam by Why-not, by Imp. Messenger; Young Bashaw was by the Imp. Tripolitan Barb, Grand Bashaw; Young Bashaw's dam was a daughter of Messenger, said to be thorough-bred.

The dam of Long Island Black Hawk was a thoroughbred racing mare, that had record be well as a state of the same and the record be well as a state of the same and the record be well as a state of the same and the record be well as a state of the same and the same an

bred.
The dam of Long Island Black Hawk was a thoroughbred racing mare, that had proved herself good at all distances from one to four miles.

W. G. McGREGORY,
For further particulars address
18-2m

46 Larned Street East, Detroit.

Black Hawk Trotting Stallion PROPHET.

THIS fine "Black Hawk," will be kept for the present season, on the farm of his owner (Wm. Smythe Farmer) in the township of Pipestone, Berrien e.o., Michigan.

Terms—\$15 for Insurance.

DESCRIPTION—" Prophet" is six years old, a black or dark bronze chestnut, small white star, soft silky hair, 15% hands high, weighing 1,150 pounds; for innacular development, activity style, and general action, he is not surpassed by any horse in Western Michigan: he has made his mile inside of three minutes though untrained. PEDIGREE.—Prophet was bred by Lewis Beers, of Bridjort, Vt., sired by "Prophet' (owned by G. A. Austin of Orwell, Vt.), he by Hill's Vermont or old Black Hawk, by Sherman Morgan by Justin Morgan. Dam by Foote's Hamiltonian, by Harrie' Hamiltonian, by Bishop's, by imported Messenger. The dam of "Austin Prophet' was sired by Sir Charles, he by Duroc, who was also the sire of American Eclipse. Lady Walker, the grand dam of Prophet, was by Tippoo by Tippoo Sultan."

I will keep at the same place my "CLEVELAND BAY" horse,

LONE STAR.

LONE STAR was bred by me, is four years old, dark bay, black legs, mane, and tail, 16% hands high, weighing some 1,400 pounds; good action and specimen of draught and general farm horse. TERMS—45 for insurance, Pipestone, April, 1860.

WM. SMYTHE FARMER.

STOCK BREEDERS' COLUMN.

SHORTHORN CATTLE.
WILL SELL a few head of Shorthorn Cattle, mal and female.
J. B. CEIPPEN.
Coldwater, May 1, 1860.

A. S. BROOKS, WEST NOVI, MICH.,

BREEDER OF SHORTHORN CATTLE. OR SALE, twenty head of pure bred Shorthorn stock, bred from recent importations, ranging from calves o four year old bulls and helfers.
For further information apply to A. S. BROOKS, 11-8m* West Novi, Oakland co., Mich.

VALUABLE HORSE STOCK

VALUABLE HORSE STOCK
Offered at Private Sale.

The subscriber having been engaged in breeding from the most valuable strains of thorough bred and full bred-trotting and road horses for several years, is now prepared to dispose of a number of his young stock on liberal terms, and he calls the attention of those who desire to procure animals for breeding to the colts he offers for sale. An opportunity is now given to breeders to make a selection from stock bred from the best horses that have ever been introduced into Michigan or the western States. The list comprises colts from ten months to five years old, of theroughbred, half and three-quarter bred, and full bred trotting parentage on both sides. Amongst them are some of the closest bred and fullest blooded Messonger stailion colts to be found any where, also colts bred from the stock of Glencoc, Boston, Imported Stoneplover, Abdallah, Vermont Black Hawk and Long island Black Hawk, all of them remarkable for size, style and action.

For further particulars address

April 4th, 1860, 14tf.

Detroit, Mich.

DURHAM BULL FOR SALE.

WILL SELL my thoroughbred Durham Bull

"PRINCE EDWARD."

as I have used him with my own herd so long as I can
do so without breeding too close. Those desiring to
purchase are requested to call and see him and his stock,
which I have, from calves to four years old, and which
will equal anything in the State. I will sell this Bull
were the case he are nevered once at six mostly.

Pedigree of Prince Edward. Pedigree of Prince Edward.

See American Herd Book, Vol. 2, p. 265. Red and white, bred by Ambrose Stevens, sold by him to Edward Belknap, and now the property of M. Shoemaker, of Jackson, Michigan. Calved 1852; got by Wolviston, (1109.) ont of Princess 1st, by Napier (6285); Bose Ann, by Bellerophon (3119); Rosette, by Belvidere (1706); Ked Rose, by Wat. rlov (2816); Moss Rose, by Baron (58) Angellna, by Phenomenon (491); Ann Boleyn, by Favorite (252); Princess, by Favorite (252); Bright Eyes (bred by Alexander Hall), by Hubback (319); Bright Eyes, by Snowden's Bull (612); Beauty, by Mastermans Bull (422); Dutchess of Athol, by Harrison's Bull (282); Tripes, (bred by C. Pickering) by the Study Bull (629); bred by Mr. Stevenson of Ketton, in 1739.

M. SHOEMAKER.

Jackson, March 12, 1860.

Jackson, March 12, 1860.

AYER'S AGUE CURE,

INTERMITTENT FEVER, OR FEVER AND AGUE, REMITTENT FEVER, CHILL FEVER, DUMB AGUE, PERIODICAL HEADACHE, OR BILIOUS HEADACHE, AND BILIOUS FEVERS, INDEED FOR THE WHOLE CLASS OF DISEASES ORIGI-NATING IN BILIARY DERANGEMENT, CAUS-ED BY THE MALARIA OF MIASMATIC COUNTRIES.

TRIES.

We are enabled here to offer to the community a remedy which, while it cures the above complaints with certainty, is still perfectly harmiess in any quantity.—Such a remedy is invaluable in districts where these smiletting disorders prevail. The "Cure" expels the miasmatic poison of Fryer and Acur from the system, and prevents the development of the disease, if taken on the first approach of its premonitory symptoms. It is not only the best remedy ever yet discovered for this class of complaints, but also the cheapest. The large quantity we supply for a dollar brings it within the reach of every body; and in bilious districts, where Fryer and Acur prevails, every body should have it and use it freely both for cure and protection. It is hoped this price will place it within the reach of all—the poor as well as the rich. A great superiority of this remedy over any other ever discovered for the speedy and certain cure of Intermittents is, that it contains no Quinine or mineral, censequently it produces no quinism or other injurious effects whatever upon the constitution. Those cured by it are left as healthy as if they had never had the disease.

Fever and Ague is not alone the consequence of the miasmatic poison. A great variety of disorders arise from its irritation, among which are Neuralgia, Rheurastion, Gout, Headacche, Bindeasca, Todhacke, Eurache, Gutarrh, Asthma, Pulpitation, Painjul Affection of the Spiecen, Hyderice, Pain in the Bowels, Colic, Paralysis, and Derangement of Stomack, all of which, when originating in this cause, put on the intermittent signe, or become periodical. This "Cure" expels the polson from the blood, and consequently cures them all alike. It is an invaluable protection to immigrants and persons traveling or temporarily residing in the maisricus districts. If taken occasionally or daily while exposed to the infection, that will be excreted from the system, and cannot accumulate in sufficient quantity to ripen into disease. Hence it is even more valuable for protection that

DR. J. C. AYER & CO.,

LOWELL, MASS.

Price, \$1 per Bottle; Six Bottles for \$5.

All our runedies are for sale by J. S. Farrand, Detroit, and by all Druggists every where.

SANFORD'S LIVER INVIGORATOR NEVER DEBILITATES.

TT is compounded entirely from Gums, and has become an established fact, a Standard Medicine, known and approved and is now resorted to diseases for which it is. It has cured thousands who had given up all merous unsolicited certishow.

who had given up all merous usolleited certishow.

The dose must be adaptof the individual taking itties as to net gently on Let the dictates of your the use of the LIVER and it will cure kiver lious Attacks, Dysparten, Complaints, Bilpepsia, Chronic Complaints, Dysparten, Cholica March Complaints, Dysparten, Cholica March Complaints, Dysparten, Cholica March Complaints, Bilpepsia, Chronic Chronic Complaints, Bilpepsia, Chronic Chronic

-ALSO SANFORD'S

CATHARTIC PILLS

COMPOUNDED FROM

Pure Vegetable Extracts, and put up in GLASS CASES, Air Tight, and will keep in any climate.

The Family Cagentle but active Catharhas used in his practice. The constantly increase who have long used the faction which all express induced me to place them. The Profession well tharties act on different. The FAMILY CAhas, with due reference to been compounded from a etable Extracts, which act alimentary canal, and are cases where a Cathartic rangements of the ness, Pains in the Cost verse, Loss of Appessions the whole body, frequently, if neglected, Fever, Loss of Appessensation of Cold Rest 1essness, weight in the head Diseases, Worms Adults, Rheumarofthe Blood and many heir, too numerous to men Dose, 1 to 8.

PRICE 30 CENTS.

Dose, 1 to 8.

PRICE 30 CENTS.

The Liver Invigorator and Family Cathartic Pills are retailed by Druggists generally, and sold wholesale by the Trade in all the large towns.

S. T. W. SANFORD, M. D.,

Manufacturer and Proprietor,

81-1yr.tf 835 Broadway, New York.

J. L. HURD & CO.

Produce and Shipping Merchants AMERICAN TRANSPORTATION COMPANY. CAPITAL \$900.00

WESTERN TRANSPORTATION COMPANY. CAPITAL \$900,0

AND THE NEW YORK CENTRAL R. R. Co. We would respectfully announce to the Millers, Mer-chants and Manufacturers of Michigan, that the recent reduction of Canal Tolls on the Eric Canal, will enable us to carry eastward, from Detroit,

FLOUR, WHEAT, CORN, OATS, WOOL, ASHES, HIDES.

And all other products of Michigan, at prices much blow those of former years. Our lines are THE MODEL LINES OF THE COUNTRY.

J. L. HURD & Co.,

[11]1yr Foot of Second-st.

Horse Powers, Threshers and Cleaners!
PITT'S 8 AND 10 HORSE, EMERY'S 1 AND 2

DITT'S 8 AND 10 HORSE, EMERICAL AND A HORSE (tread) Powers, Pease's Excelsior Powers, Corn and Cob Mills, Corn Mill and Feed Mills, Flour Mills, Cross-cut and Circular Saw Mills, Leonard Smith 8 Brut Machines,

No. 108 Woodward Ave., Petroit.

FOR SALE.

THE subscriber, wishing to go west, offers for sale a fine I Jack and Jenny and two yearling Mulca. Will be sold at a bargain.

G. W. EDGCOMB.
Lima Lagrange co., Indiana, Jan. 10, 1860. 8-4m

MAGNA CHARTA,

WILL serve mares from the 30th of April to the 15th of July, at \$50 the season. A mare served and not proving in foal, can be returned the next season (or another in her place) without extra charge.

MAGNA CHARTA'S performances last seeson are unparalleled by any four year old. He trotted in June at
the Utica Horse Show in 287%, on a haif mile track.

In August, at the Kent County Show, Grand Rapids, in 241%, on a summer fa'low.

At the National Fair at Chicogo in 236, on a heavy half mile track (equalling the Great Western champion
Belindeer in competition for the same premium.

At the Michigan State Fair beating stallions of all ages with case in 246,
At the Kalamasco Horse Show in October he made a third heat 238%.

Est Marcs sent to the horse will be pastured at fifty cents a week.

F. V. SMFTH & CO.

Coldwater, Mich., April 17, 1860.

STONE PLOVER. THIS IMPORTED thoroughbred horse will stand during the spring season of 1860, at the PARKER FARM, one and a half miles northwest of Kalamazoo, Mich., commencing April 15, and closing on the 16th of July next.

STONE PLOVER is without exception the best bred horse in the United States, and stands at the lowest ce, being \$35 for the season; the money to be paid at the time of first service, or an approved note given for the amount.

Good pasture furnished for mares sent from a distance at 50 cents per week. All escapes and accidents to be at the risk of the owner.

Good pasture furnished for mares sent from a distance at 50 cents per week. All escapes and accidents to be at the risk of the owner.

PEDICHRE AND HISTORY.

Stone Plover was bred by the Right Honorable Earl Spencer, at Althorp in Northamptonshire, England, and was fooled in the spring of 1850; was sold at his annual sale of yearlings in 1851 to Count Bethyany, and never was out of the possession of the Count until sold to the present owner, who made one season with him in England previous to his importation into Michigan.

Stone Plover was sired by the renowned Cotherstone, winner of the Derby in 1843; his dam was Wryneck, by Slane, the sire of Merry Monarch, winner of the Dorby, and of Princess, winner of the Oaks, and one of the most renowned sires of winners in Great Britain. Stone Plover was own brother to Stilton, winner of the great Metropolitan Stake at Epsom in 1852. Wryneck was out of Gitana by Tramp, sire of the Winners of the Derby in 1683 and 1838, of the winner of the St. Ledger in 1823, and of Trampoline, the dam of imp. Glencoe; Gitana was out of Miss Foy by Walton, sire of Phantom, winner of the Derby in 1811, and 63; Patrick, the winner of the St. Ledger in 1820. Walton was by the great St. Peter, bred by Lord Derby and winner of the Derby in 1871. The stock from whence the dam of Stone Plover was bred is thus shown to be in the first rank for stouthees and high breeding.

stock from whence the dam of Stone Plover was bred is thus shown to be in the first rank for stoutness and high breeding.

Cotherstone was bred by the celebrated Mr. Bowes, and is by Touchstone out of Emma by Whisker, the dam of imported Trustee. Touchstone is now 31 years old, and requires no comment, as his progeny by their unparalleled success bear testimony to the deserved repute in which he and his stock are held. Surplice, the winner of the great Derby and equally great St. Leger Stakes, now standing at \$200 per mare, and Newminster, winner of the St. Leger, at the same price. Amongst his progeny may be named Bluebonnet, winner of the Oaka, Mendicant, winner of the Oaka, Flatcatcher, Frogmore, Lord of the 1sles, Annandale, Storm, Touchwood, and others. Cotherstone, considered the best son of Touchstone, won more money for his owner as a three year old than any horse that had been bred up to that date. At New Market in 1848 he won the Riddlesworth stakes of \$4,500; the next day won the Column Stakes of the same amount; on the first of May he won the Two Thousand Guinea Stakes, or \$10,000; on the 30th of May won the Derby stakes of \$21,000; on the 21st of July at Goodwood won the Gratwicke stakes of \$10,750; in September ran second for the St. Leger at Domaster and won \$1,000; the next day won a sweepstakes of \$10,000; on diad finally at the New Market meeting in October won the Royal Stakes of \$6,825. Cotherstone was then sold to his present owner, Lord Spencer, by whom he has been kept in his private breeding establishment up to the present time. The above particulars are on record in the English Racing Calencar and Stud-book.

vate breeding establishment up to the present time. The above particulars are on record in the English Racing Calendar and Stud-book.

DESCRIPTION.

Stone Plover is a magnificent bay horse, sixteen hands and one inch in height, standing on particularly short, strong legs, and is of great length, strength and substance. He is warranted a sure foal getter. Independent of his great racing qualities, he is well calculated to elevate the character, stamina, size, style and action of trotting, carriage and farm horses, to become the sire of a race of horses remarkable for size, spirit, endurance, and great beauty of form, being himself of the most beautiful color, fine symmetry, large size, majestic carriage and superbaction; all of which is bred into him, being inherited from ancestors the most ronowned in the annals of the tur in Great Britain. He is also free from defects, and is marked with neither curbed hocks, splints, spavins, ringbones twisted ankies, upright joints, or any other imperfection, and is perfectly sound in the wind.

Stone Plaver has made two seasons in Michigan, and a class of his sucking colts were shown at the State Fair of 1859 for a premium offered by me of fifty dollars, being the largest individual premium ever offered by any member of the Society. These colts are now coming forward as yearlings, and amongst their owners are E. N. Wilcox, Eq., of Detroit; Judge Dexter, of Dexter; E. Arnold of Dexter, John Thomas of 'Oxford, Dr. Ransom of Kalamazoo, L. S. Treadwell of Hudson, A. D. Power of Farmington, and other breeders, to whom the subscriber rofers for the character of the coits of Stone Plover. All show that this horse has the power of transmitting his percent with his characteristics.

For further particulars address the subscriber, Thomas of Carlot, Dr. Ransom the rofers for the character of the coits of Stone Plover. All show that this horse has the power of transmitting his best qualities and of stamping his progeny with his characteristics.

For further particulars address the

ADMIRATION.

THIS Imported Thoroughbred Stallion will stand at the Stables of

A. L. HAYS, Marshall, Calhoun Co., Mich., the ensuing season, 1860.

TERMS.

The terms of service will be Twenty-five Dollars, payable at the time of service, or in approved notes.

The season will commence on the first of April and end on the first day of July. All mares proving not with foal will be entitled to service free from charge the next following season. DESCRIPTION.

Admiration is a rich bay, sixteen hands high, coming four years old and pertectly free from blemishes of any kind. He possesses immense bone and muscle and was pronounced by the most competent judges to be one of the most perfect thoroughbred horses in England. He is thoroughly calculated to produce stock that will combine blood with bone and first class symmetry. He obtained the first prize at the Yorkshire Agricultural Show in 1858 for the best colt likely to make a Hunter, over 26 competitors. Also, the first prize at the Doncaster Show, for the best colt calculated to get Hunters and Carriage horses. He served a few mares in England last season and proved himself a sure foal getter.

Admiration was bread by Mr. Johnson of Driffield Earn, Driffield Vorkshire England. Size Sir Nestor by

Admiration was bred by Mr. Johnson of Driffield Farm, Driffield, Yorkshire, England. Sire Sir Nestor by Ion. Dam Polonaise by Provost. He was purchased by Col. Maguire of Texas, now deceased, and imported last January into New Orleans, where he was sold by the executors of the estate and purchased by the subscriber, who may be addressed for further particulars.

Marshall, Mich., 1860.

A. L. HAVS

The Young Bashaw Trotting Stallion KEMBLE JACKSON.

WILL stand for mares the coming season at Spring Brook Farm, adjoining the village of Farmington, Oakland county, Mich., commencing April 4th.

KEMBLE JACKSON will stand at \$20 the season. Money to be paid when mare is first served or a good note given for the amount. Good pasture furnished at fifty cents a week. All accidents and escapes at owner's risk. Season to close on the 80th day of July, 1860.

Pedigree of Kemble Jackson:

KEMBLE JACKSON—Mahogany bay, 16 hands high. Star in his forehead; hind feet white half way up to the gambrel joints. Foaled June 14, 1854. The property of Isaac Akin, Paulding, Dutchess Co., N. Y. Sire, Kemble Jackson; dam, Lady Moore, half-sister to Iola. Kemble Jackson was by Andrew Jackson; his dam, Fanny Kemble, sister to Charles Kemble, and sired by Sir Archy: her dam was Marla, sired by Gallatin: Marla's dam was got by Simms' Wildair, she out of a mare got by Morton's Traveler; her dam was an imported mare, name unknown, but thoroughbred. Andrew Jackson was by Young Bashaw; dam by Why-not, by Imp. Messenger; Young Bashaw was by the Imp. Tripolitan Barb, Grand Bashaw; Young Bashaw's dam was a daughter of Messenger, said to be thoroughbred.

Lady Mcore was out of Messenger Maid, by Membrino Paymaster; he by Old Membrino, by Imp. Messenger.

GEO. F. GREGORY, Agent.

F. E. ELDRED, Detroit.

The Superior Trotting Stallion,

ROEBUCK ABDALLAH,

 ${
m BRED}$ from the purest Messanger stock, will stand this season at the stables of the subscriber on the Pontiac Boad, at the Greenfield House, six miles from Detroit.

TERMS, \$15 FOR THE SEASON.

ROEBUCK ABDALLAH is a beautifu, bright chestant house, standing sixteen hands high, and of a particularly compact, strong muscular form, with his body set low on powerful limbs. For style and action this colt has osuperfor, and as he has never been used for stock purposes, but allowed to come to his present growth and age, he is in full vigor, with every mark of a sound and strong constitution. As a borse calculated to breed strong, active, useful farm and road stock, of superior size and quality, and with great action and speed on the road, he is PEDIGREE.

ROEBUCK ABDALLAH will be five years old on the 5th of next June, and was bred from Abdallah Chief,

a horse brought into this State at an expense of over \$2,000, in 1855. Abdallah Chief was by Abdallah; he by Mambrino; and he by imported Messenger. The dam of Abdallah Chief was the Mathew Barnes mare, (well known in New York,) by Phillips; her dam by Decatur by Henry, that ran against Eclipse; Phillips was by Duroc, his dam by imported Messenger.

The dam of Reebuck Abdallah is Lady Washington by the trotting stallion Washington, sire of Rose of Washington; he by Napoleon; he by Young Mambrino; he by Chancellor, out of a mare sired by imported Messenger, and he sgain by imported Messenger. Napoleon's dam was by Commander; he by Commander, he by imported Messenger. Commander's dam was by imported Light Infantry, said to have been by English Eclipse. It will thus be seen that on both sides Reebuck Abdallah obtains as direct a descent from the celebrated Messenger as any horse can have at the present time.

**Seebuck Abdallah will be limited to twenty-five mares only, n addition to the stock of the proprietor. For further particulars apply to

Greenfield, Wayne Co., Mich., April 4, 1860.

14 Near the Six Mile House, Pontiac Road.

The Celebrated Spanish Jack, BLACK HAWK,

WILL stand for Marcs during the coming season, commencing April 12th, and closing October 1st, 1860:

At Spring Brook Farm, near the village of Farmington, on Mondays, Tuesdays and Wednesdays. At James Roofs, Plymouth on Friday and Saturday of each week during the season.

At James Roofs, Plymouth, on Friday and Saturday of each week during the secars and weenesdays.

PEDIGREE.—Black Hawk is a pure Spanish Jack; color black; good proportions: fourteen hands high; nine years old this gring. His Sire was by "Old Mchawk" of Virginia; g. sire, "Mammoth" of Spain. Dam, the "TERMS.—For Mares, ten dollars the season. money to be paid, or a good note at three months given when the Mare is first served. All mares at the owner's risk.

Jennies will be served at fifteen dollars the season.

The subscriber, wishing to purchase all the mules got by said Jack, will pay from \$25 to \$30 for all sound mules sired by him. The mules to be delivered, of sound and healthy formation, at the Spring Brook Farm, at the age of five months—bargains in all cases to be made before the mare is put in which case no charge will be made to the use of Jack. George F. Gregory is authorized to contract for the Mules, and his contracts will be fulfilled by interested men after the mules are delivered to me.

March 20, 1860.

F. E. ELDRED.

The Young Trotting Stallion

ISLAND JACKSON

Lima Lagrange co., Indiana, Jan. 10, 1860. 8-4m

Will accompany the Jack the coming season, and will serve mares at \$7 the season; \$10 to insure.

Pedigree of Island Jackson:

Is Blood Bay, 15% hands high, foaled July & 1856. Sire, Jackson by Andrew Jackson was by Young Bashaw; dam, Why-not by Imp. Messenge. Young Bashaw by the Imp. Tridifferent kinds of Drain Tile, at

PENFIELD'S, 106 Woodward avenue.

F. E. ELDEED, Dotroit.

GEO. F. GREGORY, Agent.